

► GROWING GUIDE : THE SECRET GARDEN

HIGH TIMES

MARCH 1988

\$3.95
CANADA \$4.50

NEGRIL
MARIJUANA
MECCA
OR
PARADISE
LOST?
•
THE
POLITICS
OF
POT
1988

SCIENCE FICTION BY JOHN SHIRLEY

03



Indoor Sun

ENERGY EFFICIENT GROW LIGHTS

METAL HALIDE—(balanced growing spectrum)

All systems include assembled ballast, bulb, reflector, 15' lamp cord & 8' power cord.

- ★ 1000 watt DELUXE—Your choice of one of four great reflectors:
 - 46" Polished aluminum super reflective hood (white available on request) Our new 20" low profile (only 7" high) horizontal reflector with a space-age polished aluminum reflective panel (puts out 45% more light than conventional reflectors) 48" parabolic, high output reflective hood 20" adjustable white enamel reflector.
- Each deluxe unit comes with a super quiet ventilated ballast box with a high quality 6-outlet power supply with a lighted on/off switch and a 15 amp circuit breaker. System includes a 110,000 lumen-12,000 hr. bulb
- To upgrade to our 125,000 lumen-12,000 hr. Horticultural Superbulb \$184.50 Add \$15.00
- ★ 1000 watt STANDARD—18" high temp. white enamel reflector, Ventilated ballast box. System includes a 110,000 lumen-12,000 hr. bulb \$167.50 Add \$15.00
- To upgrade to our 125,000 lumen-12,000 hr. Horticultural Superbulb Add \$15.00
- ★ 1000 watt ECONOMY—2"x3" polished aluminum reflective hood (not shown). Assembled open ballast. System includes a 110,000 lumen-12,000 hr. bulb \$144.50 Add \$15.00
- To upgrade to our 125,000 lumen-12,000 hr. Horticultural Superbulb Add \$15.00
- ★ 400 watt DELUXE—14" high temp. white enamel reflector. Ventilated ballast box with a high quality 6-outlet power supply with a lighted on/off switch and a 15 amp circuit breaker. System includes a 34,000 lumen-20,000 hr. bulb \$134.50 Add \$10.00
- To upgrade to our 40,000 lumen-20,000 hr. Horticultural Superbulb Add \$10.00
- ★ 400 watt STANDARD—14" high temp. white enamel reflector. Ventilated ballast box. System includes a 34,000 lumen-20,000 hr. bulb \$124.50 Add \$10.00
- To upgrade to our 40,000 lumen-20,000 hr. Horticultural Superbulb Add \$10.00
- ★ 400 watt ECONOMY—2"x3" polished aluminum reflective hood (not shown). Assembled open ballast. System includes a 34,000 lumen-20,000 hr. bulb \$109.50 Add \$10.00
- To upgrade to our 40,000 lumen-20,000 hr. Horticultural Superbulb Add \$10.00
- ★ 175 watt MINI-MIGHT METAL HALIDE—15" reflector with self-contained ballast. 15,000 lumen-20,000 hr. bulb (only 18c a day to operate) \$99.00

HIGH PRESSURE SODIUM—(red orange spectrum)

Completely assembled. All systems include a covered ventilated ballast, bulb, reflector, 15' lamp cord and 8' power cord.

- ★ 1000 watt DELUXE—Your choice of one of four great reflectors (5 KV pulse rated socket included):
 - 46" Polished aluminum super reflective hood (white available on request) Our new 20" low profile (only 7" high) horizontal reflector with a space-age polished aluminum reflective panel (puts out 45% more light than conventional reflectors) 48" parabolic, high output reflective hood 20" adjustable white enamel reflector System includes a 140,000 lumen-24,000 hr. Sodium bulb \$269.50
- ★ 400 watt DELUXE—14" high temp. white enamel reflector. Includes 50,000 lumen-24,000 hr. Sodium bulb \$189.50
- ★ MINI-MIGHT GROW LIGHT—Our compact powerful (16,000 lumens) grow light employs a highly efficient High Pressure Sodium lamp (3 year bulb life) and a self-contained Transformer-Ignitor. Costs only 15c a day (18 hours on) or about \$4.50/month to operate. 15" reflector—good for 3'x3' area. Sale priced at \$99.00+\$5.00 shipping, anywhere in U.S.A. \$99.00

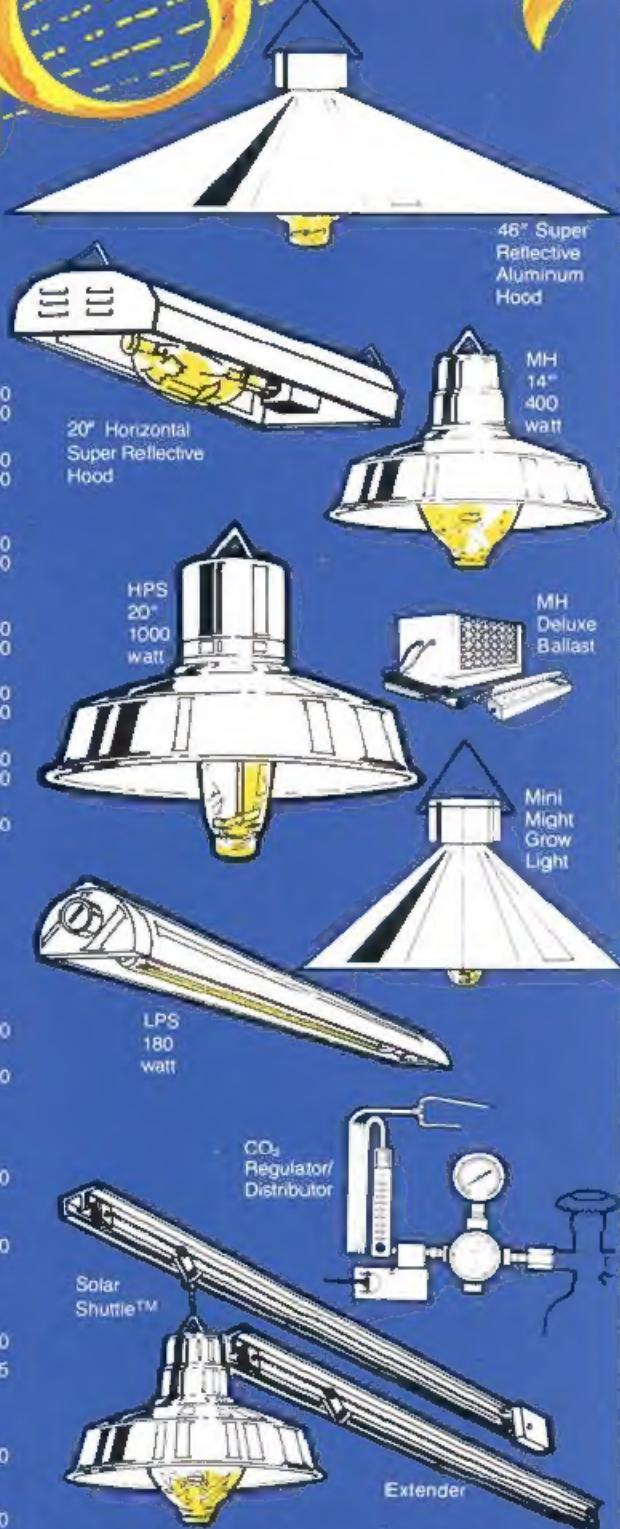
LOW PRESSURE SODIUM—(our most efficient light)

180 watts produce 33,000 lumens. Great for flowering. Excellent for side light. Deluxe fixture. Ventilated ballast box \$195.00

ACCESSORIES:

- Replacement light bulbs available for all our systems at our low everyday prices.
- ★ High Pressure Sodium Conversion Bulbs that work in metal halide ballasts. 1000 watt-24,000 hr. \$139.00 400 watt-24,000 hr. \$69.00
- ★ 15 amp Paragon timer (works on all our systems) \$14.95
- ★ CO₂ Regulator/Distributor—Maintains CO₂ at a constant level while the light is on to promote up to 25% increase in growth. For growing areas 25 sq. ft. to 1000 sq. ft. Includes all gauges and distribution lines. Plugs into your light's timer (tank not included) Sale Priced \$139.00
- ★ Solar Shuttle™ Track—moves your lamp quietly and efficiently back and forth above your plants on a 6-foot track in 40-minute cycles increasing the coverage of your lamp \$99.00
- ★ Solar Shuttle™ Extender—adds another 6-foot track to the end of your Solar Shuttle™ so you can run two lights off of one shuttle \$39.95

Grow and Bloom Nutrient in granular and liquid form available on request.



ONE YEAR PARTS & LABOR GUARANTEE • 30 DAY MONEY BACK
GUARANTEE • MOST ORDERS SHIPPED IN 24 HOURS
C.O.D. ORDERS WELCOME • NO DEPOSIT REQUIRED
QUANTITY PRICES AVAILABLE • CALL FOR FREE CATALOG.



ENERGY SAVERS UNLIMITED, INC.

22138 SOUTH VERNON AVE. #C, TORRANCE, CA 90502

Toll Free Outside California (800) 421-2994 In California Call Toll Free (800) 538-3400



Prices do not include shipping

When Discretion Is Your Growing Concern.



Why The Closet Farmer™? Not everyone has an acre of green these days. Yet urban, rural and apartment dwellers are still anxious to exercise that green thumb. Like you, they are searching for innovative, sophisticated ways to bring the garden indoors without building a greenhouse or closing off an entire room.

What sets the CLOSET FARMER apart is that it is completely contained in a sleek, stylish piece of furniture! A free standing closet that will enhance any room—without a hint of the high tech growing system that lies within.

URBAN PLANTATION™ is always working to bring you the latest technology and best values. Hydro Willie is proud to introduce the newest CLOSET FARMER Packages III & IV. With the CLOSET FARMER's advance dirt or hydroponic systems, whether you're a beginner or an old pro, there is a CLOSET FARMER System for you at savings that you can't pass up.

New CLOSET FARMER IV

- Color: White
- Cabinet Size: 71 1/4" h x 35 1/2" w x 23 1/2" d
- 400w Halide (32,000 lumens) or HPS, 12" Hood & Remote Ballast
- Intake: 100 CFM Axial Fan (Dayton)
- Exhaust: 140 CFM Exhaust Blower (Dayton)
- Thermostat (Dayton)
- Multi-Outlet Strip "6"
- 24 Hour Timer
- Grow & Bloom and Micro Nutrients
- Lite Sealed, Complete Instructions

Sale Price \$499.00

DELUXE CLOSET FARMER IV includes CO₂ Enrichment Kit & 3 AquaFarms.

Sale Price \$785.00

New CLOSET FARMER III

- Color: White
- Cabinet Size: 71 1/4" h x 35 1/2" w x 23 1/2" d
- 250w Halide (20,500 lumens), 10 1/2" Hood & 160w side lighting (Spectra Lights—spectrum of sunlight)
- Intake: 100 CFM Axial Fan (Dayton)
- Exhaust: 100 CFM Exhaust Blower (Dayton)
- Thermostat (Dayton)

- Multi-Outlet Strip "6"
- 24 Hour Timer
- Grow & Bloom and Micro Nutrients
- Lite Sealed, Complete Instructions

Sale Price \$475.00

DELUXE CLOSET FARMER III includes CO₂ Enrichment Kit & 3 Aqua Farms.

Sale Price \$755.00

CLOSET FARMER II

- Color: Oak
- Cabinet Size: 63 1/4" h x 33" w x 23" d
- 175w Halide (15,000 lumens) & 10 1/2" Hood or 150w (16,000 lumens) with side lighting (Spectra Lights—spectrum of sunlight)
- Intake: 100 CFM Axial Fan (Dayton)
- Exhaust: 69 CFM Exhaust Blower (Dayton)
- Thermostat (Dayton)
- Multi-Outlet Strip "6"
- 24 Hour Timer
- Grow & Bloom and Micro Nutrients
- Mylar, Lite Sealed, Complete Instructions

Sale Price \$455.00

DELUXE CLOSET FARMER II includes CO₂ Enrichment Kit & 3 AquaFarms.

Sale Price \$735.00

CO₂ Tanks Sold Separately Price \$99.00

URBAN PLANTATION Accessories

The CLONING FARMER™ Kit will turn any existing CLOSET FARMER into an efficient CLONING GENERATOR™. Kit includes pumps, pH kit, Grow & Bloom and Micro nutrients, grow rock and rock wool.

Price \$269.00

CUSTOM FARMER™ Kits and Consultation Services

Hydro Willie can outfit any closet or room in your home—Kits start at \$200.00.

Hydro Willie is the creative force behind URBAN PLANTATION and the CLOSET FARMER. With 11 years experience as an authority on hydroponic gardening and agriculture he is committed to providing you with the finest quality, easy to operate products, at fair prices.

Our Guarantee To You

URBAN PLANTATION offers you the finest self contained growing systems ever developed. Following the easy set up, a mere 15 minutes of weekly maintenance can yield 100% results within 3 months.

All our lamps carry a one year warranty. All other products carry a full 2 year guarantee. Ask for our free catalog, compare prices, save time, energy, and money.

Visit our showroom or write to:



#6 Bolinas Road, Fairfax, CA 94930
For Ordering or Free Catalog Call Toll Free

800-332-7555

California Residents Call 415/258-9226

Authorized Distributor of Urban Plantation

Urban TEK™

2911 W. Wilshire, Oklahoma City, OK 73116
405-843-1888

Receive a free URBAN PLANTATION "T" Shirt with every CLOSET FARMER. California residents please add 6% sales tax. Money orders, credit card and C.O.D. orders shipped within 48 hrs. C.O.D. orders require a 50% deposit. Above prices do not include shipping. Personal checks held for bank clearance. Dealer inquiries are welcome. AQUAFARMS manufactured by General Hydroponics. CLONING GENERATOR is trademarked and especially made for THE CLOSET FARMER by General Hydroponics.

CONTENTS

NO. 151 • MARCH 1988

FEATURES COLUMNS DEPARTMENTS

THE POLITICS OF MARIJUANA

1988

by Peter Gorman 33

Considering the size and scale of marijuana use, you'd think the issue would be a source of heated debate in an election year. Well, guess again. At least NORML's still trying.

NO PROBLEM?

by John Holmstrom 37

Negril, Land of No Problem, will admit to having a few. Here's a candid look at who's bothering what and what's bothering whom in the Smoker's Paradise.

NO PROBLEM!

by the Editors 44

There are plenty of good reasons why Negril is crowded with fun-seeking tourists from December to April. Read this traveler's guide before you finish packing that toothbrush.

SIX KINDS OF DARKNESS

by John Shirley 56

Cyberpunk primate Shirley tells a mind-bending story of a drug you walk into.

VISIT TO A SMALL PLANTATION

by John Holmstrom 61

There's more to life than growing ganja, but don't tell that to the Negril growers. They won't believe you.

THE SECRET GARDEN

by George Lassen 64

Spring is just around the corner, time for outdoor growers to search out secret nooks and crannies. Here are a few tips from an expert.

On The Cover: Michael Frazer in the caves at Xtabi restaurant. Photo by Andre Grossmann.

EDITOR'S NOTE 6

NORMLIZER 23

by Jon Gettman 23

CASE IN POINT 24

by Maura Less 24

A Canadian epileptic spells relief P-O-T, but the authorities won't let him.

ZÖE 52

by Milton Knight 52

Here's our wacky psychedelic cartoonist's impressions of Negril.

HIGH ART 54

by Carlo McCormick 54

Brian Spaeth, cosmic gardener.

ASK ED 69

by Ed Rosenthal 69

THE MEDIA ROOM

edited by John Holmstrom

BOOKSHELF 85

PSYCHOTRONIC 86

by Michael Weldon 86

THE HOUND'S EYE VIEW 86

by James Marshall 86

PSYCHEDELIC KITCHEN 87

by Chef Ra 87

GO-GO GIRL 90

THE TAPE WORM 96

by Jim Poling 96

TOP 100 97

It was a *four-way tie* as we came down to the wire, so we extended the voting. But we still ended in a tie.

LETTERS

from our readers 14

HIGHWITNESS NEWS

edited by Lou Stathis 19

Morton Downey squares off with the HT staff, Kerr-McGee tinkles liquid raffinate, and the Dutch muzzle their Bulldog.

TRANS-HIGH MARKET

QUOTATIONS

compiled by Espy LaCopa 26

TRANS-HIGH MARKET

LETTERS 27

CENTERFOLD

. 50

BOOKSTORE

. 72

CLASSIFIEDS

. 78

PRODUCTS 83



HIGH TIMES

PUBLISHER

ROBERT ARONSON

EDITOR-IN-CHIEF

STEVEN HAGER

EXECUTIVE EDITOR

JOHN HOLMSTROM

ART DIRECTOR

FLICK FORD

MANAGING EDITOR

LOU STATTHIS

SENIOR EDITOR

ED ROSENTHAL

INDOOR GROW EDITOR

BRAM

PHOTO EDITOR

ELIN WILDER

CONTRIBUTING EDITORS

ROBERT CONNELL CLARKE, THE GENERAL,

PETER GORMAN, RA JAMES, ESPY LACOPA,

DEAN LATIMER, JAMES MARSHALL,

CARLO MCMICHAEL, JIM POLING,

MICHAEL WELDON

DESIGN ASSOCIATE

BRIAN SPAETH

TYPESETTING

BARBARA BARG

STRONG SILENT TYPE**CONTRIBUTING ARTISTS AND PHOTOGRAPHERS**

ACE BACKWARDS, JOHN EDER, ANDRE GROSSMANN, GREGORY HERGERT, DICK HOOLE, MILTON KNIGHT, JAMES ROMBERGER, JEFF VAUGHN, CAPT. WHIZZO

CONTROLLER

SHEILA AVON

CIRCULATION MANAGER

CAROLYN DEDERICK

PRODUCTS MANAGER

BRAD L. GOLDBERG

ADMINISTRATIVE ASSISTANT

deerfrance

STAFF

TIFFANY ANN, JONATHAN DAVID, LISA KAY

ADVERTISING**EAST COAST**

SHERI KAPLAN, MANAGER

SHERRY LUTZ

PROMOTION DIRECTOR

MONIQUE COPELAND

NATIONAL ADVERTISING OFFICE

211 East 43rd Street

New York, NY 10017 (212) 972-8484

WEST COAST

STEVE BECKER, MANAGER

WEST COAST ADVERTISING OFFICE

P.O. Box 33-Suite 373

Long Beach, CA 90801 (213) 493-3714

FOUNDING EDITOR

THOMAS KING FORCADE, 1945-1978

March 1988 • No. 151 • HIGH TIMES (ISSN #0362-630X) is published monthly by Trans-High Corporation, Robert Aronson, President • Mail subscriptions (payable in U.S. funds) and changes of address (please include most recent mailing label) to P.O. Box 410, Mt. Morris, IL, 61054. • Allow 6 to 8 weeks for delivery of first issue or for change of address. • Subscriptions in the United States: 12 issues for \$29.95, 24 issues for \$54.95 • Single copy price: \$3.95 • In Canada: 12 issues for \$37.45, 24 issues for \$68.95 • All other countries by surface mail: 12 issues for \$37.45 • All other countries by airmail: \$67.00 • Offices at 211 E. 43rd St., New York, NY 10017 • Second class postage paid at New York, NY and at additional mailing offices • Manuscripts must be accompanied by a self-addressed stamped envelope • All contributions will be carefully considered, but the publisher and editors assume no responsibility for loss or injury to unsolicited material • Copyright ©1988 by Trans-High Corporation. Nothing in this publication may be reproduced in any manner, either in whole or in part, without specific written permission of the publisher. All rights reserved. "High Times" is a registered trademark. HIGH TIMES and Trans-High Corporation assume no responsibility for any claims or representations contained in this magazine or in any advertisement, nor do they encourage the illegal use of any of the products advertised herein. All advertising and advertised products void where prohibited. Postmaster: Please send address changes to HIGH TIMES, P.O. Box 410, Mt. Morris, IL, 61054.

Andre Grossmann's work has appeared many times in HIGH TIMES. His photos of the Mind's Eye in the August issue, Chef Ra in November, and the Miss Kali centerfold in January have been some of his most popular work.

Andre's work appears all over the place. His photos are distributed worldwide by an international photo agency, and have been published in many European and American magazines (and books, like *Hip Hop*, written by Steve Hager).

Andre is not just hard-working, he's also fearless. For the *Morton Downey Jr. Show* taping, he sneaked a camera past a metal detector to take pictures of The General getting tossed around by Downey's security goons (see *Highwitness News*). If he'd been caught, they might have broken his camera and his legs, but Andre kept shooting, even after a HIGH TIMES editor (who shall remain nameless) begged him to stop, fearing reprisal from Downey's security.

While in Negril, Andre amazed everyone with his work ethic. He shot photos morning, noon, and night. He also took amazing risks—climbing rocky cliffs, trespassing into restricted areas, and telling some of the ruder ragamuffins where to get off.

All of you aspiring shutterbugs who think it might be fun to go down to Jamaica and take pictures of ganja plantations might not want to listen to Andre's advice: "Don't become photographers if you want to make a decent living."

We're glad Andre chooses to publish his photos in HIGH TIMES, even if it doesn't make him rich.

John Holmstrom

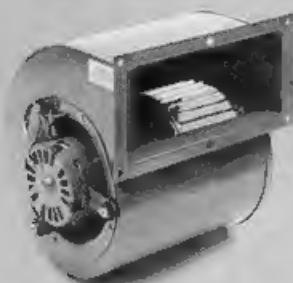
JOHN HOLMSTROM

Executive Editor

Andre Grossmann



DIAMOND LIGHTS



See our catalog for the complete line of blowers, thermostats and humidistats.



SUN CIRCLE 3TM—3 light balancer, 360° continuous rotation, 50 minute cycle (min. room size 12' x 12') . . . \$248.00



SUN CIRCLE 2TM—2 light balancer, 360° continuous rotation, 50 minute cycle (min. room size 10' x 10') . . . \$189.00



SOLAR SHUTTLETM—6 track, 1 light, 40 minute cycle (min. room size 4' x 10') . . . \$95.00



Our new 45° PARABOLIC HOOD, with TEXTUREWHITETM finish directs 100% of your light downward. Parabolic hood only . . . \$49.00

THE ULTIMATE IN INDOOR GROWING ACCESSORIES

Diamond Lights specializes in a full range of the finest indoor growing equipment available. Backed by knowledgeable and courteous people who actually listen to your needs.

What about prices? Compare our prices to any indoor garden store in the United States. We will not only save you money, but our products are backed by full warranties and the quality reputation of Diamond Lights.

WE'RE SHIPPING DAILY

With other stores, after placing your order, you could wait weeks, even many weeks for an item you needed yesterday.

Not at Diamond Lights. Every order placed with us is shipped via UPS within 24 hours, in plain boxes. Your name and address is held in the strictest confidence. (See catalog for complete ordering and shipping information). Phone TOLL FREE 800-331-3994 or in CA 415-459-3994 for ordering & FREE new 1988 catalog.

COMPLETE LIGHT SYSTEMS

DMS1000 45" or 21" hood . . . \$198.00
DHPS1000 45" or 21" hood . . . \$258.00
DM400 45" or 21" hood \$138.00
(40,000 Lumen Super Bulb) . add \$10.00
DHPS400 45" or 21" hood \$188.00
*45" Parabolic hood add \$20.00
*220 volt wiring on request—at no charge

SEE OUR AD INSIDE BACK COVER

DIAMOND LIGHTS products are also available in these locations:

MAH
151 Alkier St., Brentwood, NY 11717
516-231-9472

EAST COAST HYDROONICS
432 Castleton Ave., Staten Island, NY 10301
800-255-0121 / 718-727-9300

DIAMOND LIGHTS

"We are different from the rest"

713 Mission Ave. • San Rafael, CA 94901
Phone TOLL FREE 800-331-3994 or in
CA 415-459-3994 for ordering and our
FREE 1988 catalog.





- For fast convenient delivery or factory stores sales, call/visit:

APPLIED HYDROPOONICS, INC.

Western U.S.-S.F. Eastern U.S.-Phila.

3135 Kerner Blvd. 208 Route 13
San Rafael, CA 94901 Bristol, PA 19007
1-800-634-9999 1-800-227-4567

- For walk-in buying, visit your nearest authorized retailer:

California

Applied Hydroponics - L.A.
4527 San Fernando Rd.
Glendale, CA 91204
(318) 243-0068

Applied Hydroponics - S.D.
127 E. University Ave.
San Diego, CA 92105
(619) 296-1779

Colorado

Rocky Mountain Lighting &
Hydroponics
710 North Broadway, Suite 5-5
Denver, Colorado 80221
(303) 428-5020

Florida

Worms Way—Florida
5311 56th Commerce Park Blvd.
Tampa, Florida 33610

Illinois

Chicago Indoor Garden Supply
108 N. Barrington Rd.
Streamwood, IL 60107
(312) 289-4545

Chicago Indoor Garden Supply
599 Williams St.
Thornton, IL 60476
(312) 877-1616

High Tech Indoor Gardening
2164 B. Washington Rd.
Washington, IL 61571
(309) 745-5813

Indiana

Worms Way Organic Indoor/
Outdoor Garden Supply
4620 S. State Road 446
Bloomington, IN 47401
(812) 837-9901

Michigan

Indoor Gardening Center Inc.
8539 Liley Rd.
Canton, MI 48187
(313) 451-0797

Michigan

Indoor Gardening Center Inc.
26105 John R. Road
Madison Hts., MI 48071
(313) 548-4769

Ohio

New Store
Northern Lights and Hydroponics
2039 State Rd.
Cuyahoga Falls, OH 44223
(216) 922-0777

Waterbeds and Stuff
3788 W. Broad St.
Columbus, OH 43228
(614) 276-4722
Plus seven other Central Ohio
locations

Pennsylvania

Northern Lights and Hydroponics
4 Mahoning Avenue
New Castle, PA 16102
(412) 654-8383

Texas

New Store
Gas Pipe
1407 No. Collins
Arlington, TX 76000
(817) 460-2266

Gas Pipe
701 E 5th
Austin, TX 78701
(512) 472-4774

Gas Pipe
4420 Maple
Dallas, TX 75219
(214) 526-5982

Gas Pipe
909 Forest
Dallas, TX 75230
(214) 699-3955

Canada

New Store
Brite LiteQue pousser
2215 Walkley
Montreal, Quebec
Canada, H4B2J9
(514) 480-3803

Light Movers

- Increase production
- Grow more plants with the same light

- Taller plants; get 6-12" closer to your light
- Eliminate shading—more overall plant growth



LIGHT TRACK™ . . . \$99.95

- Best one-light movement system
- Extender available for second light (\$39.95)
- Bonus! Free grounded multi-plug (\$7.95 value) included (light not included)

SUN CIRCLE™ . . . \$199.95

- Move two lights in a full circle
- More coverage than any other light mover
- Blend halide and sodium lights for optimum flowering (lights not incl.)



Why buy from us? Applied Hydroponics has been the **leading manufacturer** of indoor gardening equipment since 1977. We're the **oldest** and the **Largest**. Time-tested and proven by tens of thousands of satisfied **High Times** buyers, our record speaks for itself. Top quality, reliability, and personal service backed by our full **two-year guarantee**, the longest on the market, makes us the only answer for those who want to grow.

CYLINDERS OF SUNLIGHT™

Recommended for seedlings and cutting starts, low ceilings. Same spectrum as the sun. Twisted for more light.

Box of six 48" tubes . . . \$69.95

ITEM	PRICE EA.	QTY
Hydrolite Super □ 21" □ 45" □ coated	\$199.95	_____
Hydrofarm Quad	\$199.95	_____
Hydrolite 400	\$199.95	_____
Hydrofarm Solo	\$64.95	_____
HPS 1000	\$264.95	_____
HPS 400	\$189.95	_____
CO System	Sale \$149.95	_____
Light Track	\$99.95	_____
Sun Circle	\$199.95	_____
Cylinders of Sunlight, 6pk/48"	\$69.95	_____
ISA Timer (□ Free with light & garden)	\$19.95	_____
1000W Super bulbs □ clear □ coated	\$61.95	_____
Grow Nutrient (20-6-16) 1 lb./100 gal.	\$12.00	_____
Bloom Nutrient (10-30-18) 1 lb./100 gal.	\$13.00	_____
SUBTOTAL		
Ca. & Pa. Res. add 6% tax		
TOTAL		

**Two Year
Guarantee
(Bulbs One Year)**

Money orders, cashiers checks, COD & credit card orders shipped immediately. All items shipped freight collect in plain boxes.

Visa Mastercard Exp. Date _____

Name _____

Address _____

City/State/Zip _____

APPLIED HYDROPOONICS, INC.

WESTERN U.S.

3135 Kerner Blvd.
San Rafael, CA 94901
1-800-634-9999

EASTERN U.S.

208 Route 13
Bristol, PA 19007
1-800-227-4567



GROW WITH THE BEST

NEW! Hydrolite™ Super

The highest quality grow light system made.

- 1000 watt full spectrum clear Super Halide, 125,000 lumens.

Option: Coated bulb, no extra charge.

- Choose: 21" or 45" electro-white reflector. Both designed for maximum reflection and even diffusion—feature full range adjustability for all growing situations.

Heavy Duty steel ballast cabinet. Double-wall construction. Watersafe louvered design. Completely pre-wired. UL components.

- **Rugged and dependable** construction you can count on for years to come.

Super
\$199.95/light



Flowering Lights

HPS 1000

- 140,000 lumen High Pressure Sodium
- 45" adjustable reflector
- Louvered HPS ballast

\$264.95



HPS 400 (not shown)

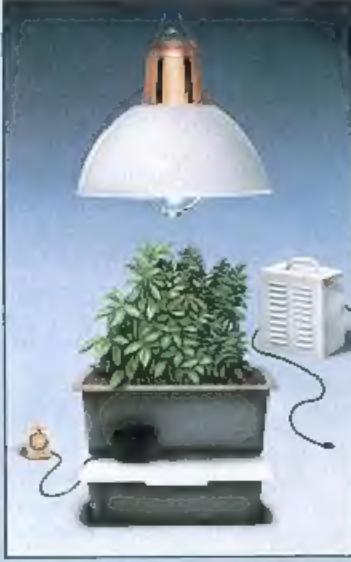
- 50,000 lumens
- 21" reflector

\$189.95

Hydrolite 400

Perfect for compact areas. A 400-watt halide system with all the high quality features of our Super, including our **full-sized 21" adjustable reflector**, etc.

\$139.95



FREE TIMER (\$19.95 value)

with purchase
of BOTH
Light System
& Hydroponics

◀ See Coupon

High Times says:

"Each Hydrofarm Quad is good for a dozen bushy plants. Grow twice as fast, get bigger yields."

- **Improved!** Most popular grower-proven hydroponic system now even better.

- **Automated flush** for more nutrient delivery. 8'x8' as shown. For large multi-system areas, sets up in row, too (3'x9').



- **Geolite™ rock** retains optimum nutrient solution and air between cycles. Anchors plants. Reusable. Ours, exclusively!

- **Nutrients**—Grow and Bloom—specifically blended for each stage of your plant's life. System includes all of above plus growing manual.

Quad
\$199.95/system

Carbon Dioxide (CO₂) System

FERTILIZE THE AIR!

- Programmable timing
- Precise metered flow
- Complete with directions (tank not included)



Doubles growth and flowering! **Sale \$149.95**

APPLIED HYDROPOONICS, INC.

WESTERN U.S.—S.E.

3135 Kerner Blvd.
San Rafael, CA 94901

EASTERN U.S.—PHILA.

208 Route 13
Bristol, PA 19007



C.O.D.



Visit our Showrooms

• M-F, 9-5; Sat., 10-5

FREE CATALOG AND PHONE ORDERS

→ 634-9999 • WESTERN U.S.

→ 227-4567 • EASTERN U.S.

TOLL FREE 1-800

SGS INNOVATES



Called
"Dutch Treat"
by *High Times*
indoor growing guide.

Call us
for a free
copy of our
newest catalog.

Here are some
fine SGS products:

Grow Room supplies
Lamps • Fertilizers
Light Track systems • Mylar
Hydroponic supplies • Test kits
Rockwool • CO₂ cylinders
The Gasser CO₂ System



CODs Welcome

Europonic System

In order to bring you the finest growing products, Superior Growers Supply went to Holland to study state-of-the-art hydroponic systems. As a result, SGS developed a nutrient recirculating system designed to use with Rockwool products.

First you start your seeds or root cuttings in Rockwool blocks. These blocks are then placed onto Rockwool growing slabs. Each plant on the Rockwool slab is equipped with an irrigation tube and a 3-position emitter which provides a continuous luxury level of nutrients to the roots of each plant. After feeding the roots, the nutrient solution is recycled back to your reservoir by sturdy, ultraviolet-resistant plastic gutters specially proportioned for Rockwool slabs. A powerful, heavy-duty and chemical resistant pump provides pressure to irrigate up to 24 plants.

This is the first ready-made hydroponic system designed and tested in Holland.

Cost.....\$199.95

SUPERIOR GROWERS SUPPLY, INC.

4870 Dawn Avenue
East Lansing, Michigan 48823
(517) 332-2663

SUPERIOR GROWERS OF ILLINOIS, INC.

1548 Burgundy Pkwy.
Streamwood, Illinois 60103
(312) 830-3311

Toll Free (800) 227-0027

METAL HALIDE COMPLETE GROWLIGHT SYSTEMS

1000 WATT SYSTEMS

DELUXE	46" round or parabolic	
	20" horizontal	184.50
STANDARD	18" White Enamel Reflector	167.50
ECONOMY	2'x3' Polished	
	Aluminum Reflector	144.50
To upgrade to a 125,000 lumen-		
12,000 hour Superbulb	Add	15.00
Phosphorous coated bulbs	Add	0.00

400 WATT SYSTEMS

DELUXE	14" White Enamel Reflector	134.50
STANDARD	14" White Enamel Reflector	124.50
ECONOMY	2'x3' Polished	
	Aluminum Reflector	109.50
To upgrade to a 40,000 lumen-		
20,000 hour Superbulb	Add	10.00
Phosphorous coated bulbs	Add	6.00

MINI-MIGHT METAL HALIDE

175 WATT 99.00



HIGH PRESSURE SODIUM COMPLETE GROWLIGHT SYSTEMS

DELUXE 1000 Watt	46" round or parabolic	269.50
DELUXE 400 Watt	14" Reflector	189.50
MINI-MIGHT 150 Watt (16,000 lumens)		99.00

LOW PRESSURE SODIUM COMPLETE GROWLIGHT SYSTEMS

DELUXE 180 Watt Low Pressure Sodium Light 195.00

LIGHT MOVERS

6" Solar Shuttle	99.00
6" Solar Shuttle Extender	39.95
Solar Shuttle Motor	22.00
Whirling Light Tunnel	119.00
Sun Circle Light Rotater 360°	
One revolution every 40 minutes.	
Arm 139.00	
2 Arm 199.00	
3 Arm 256.00	

TIMERS

Paragon 15 amp/120 volt	14.95
Dayton 15 amp/120 volt	19.95
Dayton 40 amp/120 volt	37.95
Dayton 40 amp/240 volt	39.95
Cycle Timer 1-60 min. on/off	79.00

BULBS

METAL HALIDE BULBS

M175 15,000 lumens 20,000 hours	29.00
M400 34,000 lumens 20,000 hours	36.95
MS400 40,000 lumens 20,000 hours	45.95
M1000 110,000 lumens 12,000 hours	54.95
MS1000 125,000 lumens 12,000 hours	69.95
Phosphorous Coated Bulbs	Add 6.00

HIGH PRESSURE SODIUM CONVERSION BULBS

175w 15,000 lumens 24,000 hours	39.00
400w 50,000 lumens 24,000 hours	52.95
1000w 140,000 lumens 24,000 hours	94.95

HIGH PRESSURE SODIUM BULBS

1L150 16,000 lumens 24,000 hours	39.00
1L400 50,000 lumens 24,000 hours	52.95
1L1000 140,000 lumens 24,000 hours	94.95

LOW PRESSURE SODIUM BULBS

180 Watt 33,000 lumens 24,000 hours	95.00
-------------------------------------	-------

PRODUCTS TO GROW BY

Any order of \$500.00 or more gets you 5% off our already low prices.

VITA-LITE

4 ft. power twist 40 Watt	13.95
Case of six	75.00

REFLECTORS

(complete with socket and cord)

46" polished aluminum or white	49.00
20" horizontal	49.00
20" adjustable white	40.00
18" white	30.00
14" white	25.00
48" Parabolic hood	49.00
4'x4" square polished aluminum	115.00
5'x5" square polished aluminum	130.00

BALLASTS

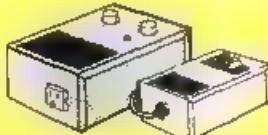
Metal Halide Ballasts (110v or 220v available)	
Deluxe 1000w (includes power supply)	115.00
Star 1000w	105.00
Econ. 1000w (uncovered)	97.00
Deluxe 400w (includes power supply)	95.00
Star 400w	85.00
Economy 400w (uncovered)	70.00
Ballast cover	10.00
High Pressure Sodium Ballasts (110v or 220v available)	
Deluxe 1000w	170.50
Deluxe 400w	125.50

HYDROPONIC SYSTEMS

4 unit hydrospot	208.00
8 unit hydrospot	295.00
Each additional hydrospot	16.00

SUBMERSIBLE PUMPS

#2P495-120 GPH	37.95
#1P553-140 GPH	39.95
#1P321-300 GPH	56.95



SURGE SURVIVAL SYSTEM

Command Module with one Remote Module (120 or 240 volts)	139.00
Additional Remote Modules (120 or 240 volts):	ea 45.00

METERS

PH Digital Meter	75.00
Dissolved Solids Digital Meter	75.00
Light Intensity Meter	24.95
Plant Computer	19.95
PH Computer	19.95
Soil Salts Meter	20.99
Moisture Meter	1.95
MINIMAX Thermometer	32.95
Taylor 4" Barometer	39.95
Fertilizer Analyzer	20.99
Humidity Gauge	21.95
Deluxe Humidity and Temperature Gauge	36.95
CO ₂ Gas Detector System	
(2 analyzer tubes incl.)	19.95
CO ₂ Analyzer Tubes	3.75
CO ₂ Tester	8.99

BALLASTS

Metal Halide Ballasts (110v or 220v available)	
Deluxe 1000w (includes power supply)	115.00
Star 1000w	105.00
Econ. 1000w (uncovered)	97.00
Deluxe 400w (includes power supply)	95.00
Star 400w	85.00
Economy 400w (uncovered)	70.00
Ballast cover	10.00
High Pressure Sodium Ballasts (110v or 220v available)	
Deluxe 1000w	170.50
Deluxe 400w	125.50

SOIL AND LIQUID TESTERS

Sudbury Soil Test Kit (Tests Ph, N, P, K)	14.95
Sudbury Soil PH Tester	3.99
Tetra Test Liquid PH Tester	3.95
Wardley Jr. Liquid PH Tester	3.95
Wardley St. PH Test Kit	5.99
Penn Plax Test Strip for Liquid PH	2.75

FANS AND BLOWERS

ventilator fan with Thermostat (14" 900 CFM)	189.95
Squirrel Cage 15 CFM	21.95
Squirrel Cage 50 CFM	29.95
Squirrel Cage 100 CFM	43.95
Squirrel Cage 160 CFM	54.95
Squirrel Cage 200 CFM	69.95
Squirrel Cage 265 CFM	69.95
Squirrel Cage 320 CFM	74.95
Squirrel Cage 465 CFM	79.95
Squirrel Cage 525 CFM	89.95
Squirrel Cage 960 CFM	159.95
Thermostat	19.95
Auto Flo Humidistat	34.95

BLACK GOLD FERTILIZER

All Organic 1.5 cu. ft.	8.99
Pure Earthworm Castings 20 meats	13.95

NUTRIENTS

Greenleaves All Purpose Liquid Nutrient	3.95
ideal for all stages of growth. Use with soil or hydroponic systems.	
12 oz. bottle	3.95
1 gallon	34.95
Super Bloom Liquid Greenleaves 10-40-10	
12 oz. bottle	5.95
1 gallon	24.95
E 5-5-5 Dry Concentrate concentrated water soluble fertilizer. 1/2teas. per gallon. 1 pound makes 100 gallons.	
Grow (20-8-16) Bloom (9-2-12) All Purpose (16-12-9)	
8 oz.	3.95
5 lbs.	19.95
25 lbs.	79.00

ROOTING FORMULA

Great Roots Super liquid rooting formula with rooting hormones and minerals 2 part	14.95
13 oz. Total	
In California (600) 538-3400	
Prices do not include shipping. One year parts and labor guarantee. 30 day money back guarantee. C.O.D. welcome. No deposit required.	
©Energy Savers Unlimited, Inc.	

INDUSTRIAL CATALOG

(\$5.00 refundable with first order from catalog)	5.00
---	------

THE SECRET OF SUCCESSFUL INDOOR GROWING

the easy Hamilton way...

Grow bigger, healthier plants faster.

PROVEN RESULTS: Metal halide or high pressure sodium lights create the highest intensity, best quality sun's full spectrum - indoors. Fluorescent systems are weak, inefficient and do not give your plants enough light lumens for good growth.

SAVE!!

HIGH QUALITY Direct from the Manufacturer!

METAL HALIDE: Best for fast plant growth.

MH 1000 Watt Basic System (Reg. \$162) \$139.95
High quality, assembled. QUIET open ballast, 20' lamp cord, power cord, socket
110,000 lumen, 12,000 hr. bulb. (For SUPER BULB 125,000 lumen add \$14.00)

MH 1000 Watt Professional System (Reg. \$210) \$165.95
18" Dome (for HORIZONTAL reflector or 48" PARABOLIC add \$4.95). High quality,
assembled. QUIET, ventilated ballast box, 20' lamp cord, 110,000 lumen/12,000 hr.
bulb. (For SUPER BULB 125,000 lumen add \$14.00)

MH 1000 Watt Deluxe System (Reg. \$238) \$179.95
Choice of HORIZONTAL reflector, 48" PARABOLIC, 48", 22" adjustable Dome. High
quality, assembled. QUIET, ventilated ballast box with GROUNDED 6-OUTLET ON-OFF
CONTROL, 15 AMP PROTECTIVE CIRCUIT BREAKER, 20' lamp cord, 110,000
lumen/12,000 hr. bulb. (For SUPER BULB 125,000 lumen add \$14.00)

MH 400 Watt Deluxe System For small area up to 4'x4' (Reg. \$151) \$124.50
18" Dome (for HORIZONTAL reflector or 48" PARABOLIC add \$9.95). High quality.
assembled. QUIET, ventilated ballast box, 20' lamp cord, 34,000 lumen/20,000 hr
bulb. (For SUPER BULB 40,000 lumen add \$10.00).

COMBINATION MH/HPS HORIZONTAL SYSTEM \$299.00
The ultimate grow light. 90,000 lumens of perfectly blended light. 24" x 20" x 10".
Horizontal, ventilated, super-reflective, electro white aluminum reflector, with 2 bulbs
a MH 400 & HPS 400; quite remote ventilated ballasts.

HIGH PRESSURE SODIUM: Increases budding & flowering

HPS 1000 Watt Deluxe System (Reg. \$317) \$255.95
Choice of HORIZONTAL reflector, 48" PARABOLIC, 48" or 22" adjustable Dome.
High quality, assembled. QUIET, ventilated ballast box, 20' lamp cord, SKV socket
140,000 lumen, 24,000 hrs. bulb.

HPS 400 Watt Deluxe System (Reg. \$215) \$184.95
18" Dome (for HORIZONTAL reflector or 48" PARABOLIC add \$4.95). High quality.
assembled. QUIET, ventilated ballast box, 20' lamp cord, 50,000 lumen/24,000 hr. bulb.

LIGHT MOVERS: More light coverage to grow more plants.

Motorized Lite Track™ Double your light coverage \$93.95
Best single light mover 6' track; covers up to 8' x 10' (EXTENDER for 2nd light \$39.95).

Sun Circle™ - Increases flowering by a blend of MH&HPS \$187.95
Two lights rotate continuously in full circle; greatest coverage, up to 12' x 12'.

Whirligig™ - Eliminates hot and dark spots \$114.95
Two lights move back & forth in a circular pattern. Adjustable from 8'x8' up to 15'x15'.

HYDROPONICS: Our customers say their plant yields are three times
greater and two times faster with Hamilton's automated flood/drain
HYDROPRO system. Roots are provided maximum direct nutrition and
aeration without soil.

HYDROPRO SINGLE™: Ideal up to 4 plants; 2' x 2' area \$59.95
Includes: pump, grow & bloom nutrients, timer, pH test kit, Jiffy 7, manual, etc.

HYDROPRO 4™: Grow up to 16 plants; 3' x 8' or 8' x 8' area \$187.95
Includes submersible pump, grow & bloom nutrients, timer, manual and more.

HPS BULBS - That work in metal halide systems!
NEW 1000 watt \$137.50 400 watt \$67.50

CO₂ ENRICHMENT SYSTEM: Increase growth by 40% \$137.95

FREE INDOOR GARDENING BOOKLET
with any system purchased

ION GENERATORS: Clean growing area of smoke, odor, pollen & pollutants.
AirEase Ion \$49.50 Pulsair generates 300% more ions \$96.50

DIGITAL pH PEN: Instant accurate readings Reg. \$97 \$69.95

**ROCKWOOL, REPLACEMENT BULBS, MYLAR,
BLOWERS, TIMERS, GROWING SUPPLIES, etc** Call for Price

FREE CATALOG



Why Hamilton's Customers are Satisfied:

- Highest quality products at lowest prices
- Large inventory with shipment in 24 hours.
- Reliable service and 2 yr. guarantee (bulbs 1 yr.).
- 30 day money back guarantee
- Fast C.O.D. delivery by U.P.S. - anywhere.

Visit our Los Angeles showroom.

HAMILTON TECHNOLOGY CORP.
14902 S. Figueroa Street Gardena CA 90248

ORDER TOLL FREE:

(800) 458-7474

(800) 635-3344 (in California)

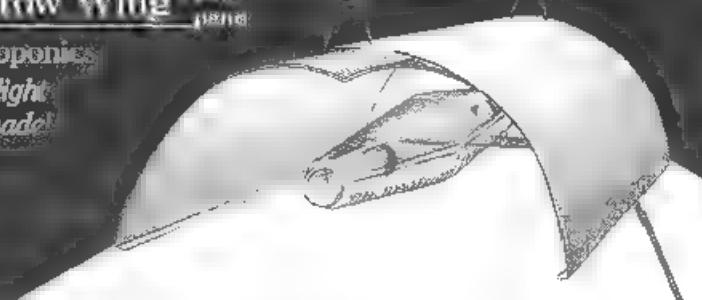
NEW! HYDROFARM HORIZONTALS

East or West, You Can Now Grow with the Best in Horizontal Lighting

The Hydrofarm Grow Wing

New from Applied Hydroponics

Delivers up to 50% more light
than any other reflector made!



Only Applied Hydroponics has:
• Factories (with showrooms) on
both coasts

• Toll-free ordering and consultation

• New low shipping rates

Fastest delivery nationwide

Free catalog

All of the above

What It Is!

- Double parabolic design for complete and even light reflection, THE BEST!
- Electro-white finish for permanent, even reflection
- Strong steel construction for level lamp support
- Adjustable mounting bracket works for most lamp types
- Same safety-first Hydrofarm high-temp lead wiring system

What It's Not

- Not an inefficient box that traps light and heat
- Not polished aluminum that reflects unevenly and oxidizes
- Not flimsy aluminum that bends and hangs your lamp unevenly
- Not a one lamp design
- Not dangerous lamp cord wired into socket housing

Hydrofarm Products—known as the best for quality, reliability and service for 11 years.

\$139.95 to \$264.95—Pricing same as comparable
Hydrofarm lighting systems on pages 8 and 9.

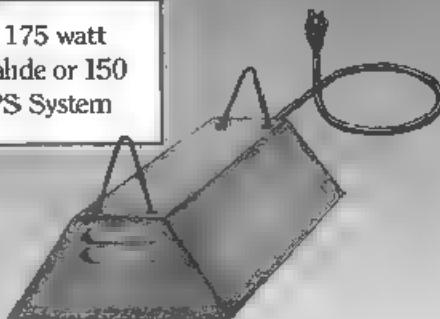
NATIONWIDE GIVEAWAY

With every purchase of HYDROFARM products we're giving away a copy of MEGACROP, the latest book on increasing your yield. This offer is available at all authorized retail outlets and factory stores, as well as through phone and mail orders.



NEW! MINI-HORIZONTAL

Choose 175 watt
metal halide or 150
watt HPS System



- Horizontal efficiency
- Low profile design—only 6" high
- Strong steel construction
- Electro-white finish
- Ready to plug into any 120V outlet

... \$109.95

Applied Hydroponics—S.F.
3135 Kerner Blvd.
San Rafael, CA 94901
Toll free: 1-800-634-9999

Applied Hydroponics—Phila.
208 Route 13
Bristol, PA 19007
Toll free: 1-800-227-4567

See our ads
on pages 8 & 9

HYDROFARM

LETTERS

Send your letters to HIGH TIMES "Letters," 211 E. 43rd St., NY, NY 10017. Names are not printed (just initials) unless specifically requested.

CAC DOWNEY

Morton Downey Jr. has the biggest mouth and tiniest mind on TV. I just saw this living pile of shit call for totalitarian police state measures against heads, while PUFFING AWAY ON A CANCER STICK! What a hypocrite! Downey is a serious menace

—D.W.

New Rochelle, New York

How right you are. The HIGH TIMES staff recently visited Downey's show. Our report starts on page 19.

MORE ON MARSHALL

I'm a student at the University of Pennsylvania and I've been entertained and well-informed by your magazine for years. However, James Marshall's article on "The Real Rock'n'Roll Hall of Fame" (December '87) left me disgusted. Marshall's use of the derogatory term "nigger" in describing Ike Turner was so un-HIGH TIMES that I thought it was a mistake until I found the same ugly word later on in reference to Richard Berry. I love your mag, as do many black Americans, but there's one thing we can do without and that's this V.B.F. (vaginal blood fart) Marshall. So do everyone a favor and give him a one-way ticket to Illinois, so he can write for the Neo-Nazis.

—Totally Pissed-Off

Philadelphia, Pennsylvania

Since Turner uses that very word to describe himself, we didn't think our readers would be offended. However, you provided us with a most enlightening peek into the complexities of human interaction by your use of the

term "V.B.F.". Many women find it offensive to degrade female body parts by using them to form insults, especially when those insults are directed from one man to another man.

Okay, I'll take the bait. I like James Marshall. In L.A., we have a boring critic who compares everybody to Bruce Springsteen and thinks that's incisive analysis. Well, I hate incisive analysis. Readers, listen to the man and learn.

J.M.

Panorama City, California

I recently became a regular consumer of your magazine and I like your no-holds-barred, cutting-edge journalism. In addition to the wide spectrum of article topics, news, and home-growing info, I thoroughly enjoy High Art, Zoë, and Hep Cat. On the subject of James Marshall, I must agree the man is an asshole. However, I am not in favor of dumping his column. Personally, I like an author who has the balls to piss everybody off.

—Rug

Denver, Colorado

ALCOHOL VS. POT

I'd like to respond to Peter Gorman's article on marijuana and health (November '87). I'm a former alcohol abuser who now smokes marijuana. Even while high, I have enough control and clear thinking to carry on with everyday functions, whereas with alcohol I did not

—S.J.V.

Charleston, West Virginia

GOREY FUTURE?

We have our candidate and his name is Gore! Senator Albert Gore announced on November 8th that both he and his wife have smoked marijuana. Fifty million people have been waiting for this opportunity. Register with the Democrats and vote Gore.

—Fed-Up Enough To Vote
Wichita, Kansas

Albert Gore's wife is Tipper Gore, head of the PRMC, which has been censoring, grading and trashing rock music—especially heavy metal. After all the trouble Nancy Reagan has caused, do you really want to elect a first lady like Tipper?

THE PUNA STANDARD

In the absence of a strong dollar I suggest the ODEC cartel seize the initiative and print notes convertible at a central bank for a pound of Hawaiian Puna Butter. With such a bold thrust, a new confidence in the world arena would certainly arise.

—D.H.
Napa, California

MORE 'SHROOM INFO

I have a complaint regarding the October issue. Granted, the writing was excellent, but there wasn't one line devoted to growing those colorful little caps. As a lover of fine fungi, I relish grow info. Please feed our heads with as much data as possible.

—The Sicilian 'Shroom Buff
Hazel Park, Michigan

In the past month, we've received numerous requests for a feature on growing mushrooms indoors. Consequently, Stephen Peele, head of the Florida Mycology Center, is now hard at work on a mushroom cultivation article that will cover both dirt and hydroponics. Look for it in our May '88 issue. Requests for future articles should be directed to the Top 100 on page 97.

continued on page 77

DANSCO INDOOR GARDEN CENTERS

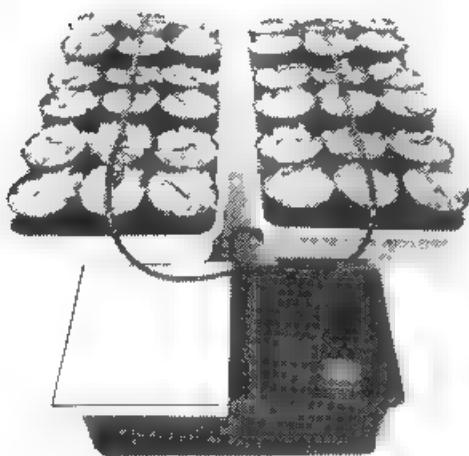
1000 HPS—\$259⁰⁰
 400 HPS—\$189⁰⁰
 150 HPS—\$110⁰⁰
 2 yr. warranty



HYDRO FLO I \$265⁰⁰ Expansion Module \$16⁰⁰

NEW Hydro Flo I includes 6 trays with 36 one gallon Pyramid pots, reservoir, timer, pump, rockwool, 12 week supply of General Hydroponics nutrients with pH Control Kit and filter. Basic system covers 4'x5' area for 6-8 week cycle. Double the size of this system for only \$96 more!

Larger pumps and reservoirs allow us to custom fit these systems to your needs

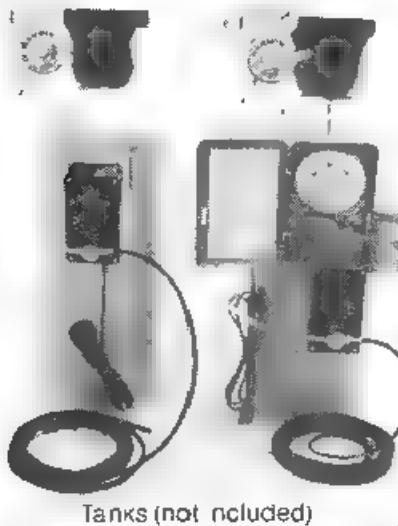


CO₂ INJECTION SYSTEM

\$179⁰⁰
 with Exhaust Control \$279⁰⁰

Basic injection system includes a heavy duty brass body regulator, brass solenoid valve, pre-wired solid state recycle timer, hose and fittings.

Exhaust control and CO₂ injection are synchronized by using a second recycle timer which becomes the primary controller. The system is completely wired with dual outlets for exhaust and intake fans



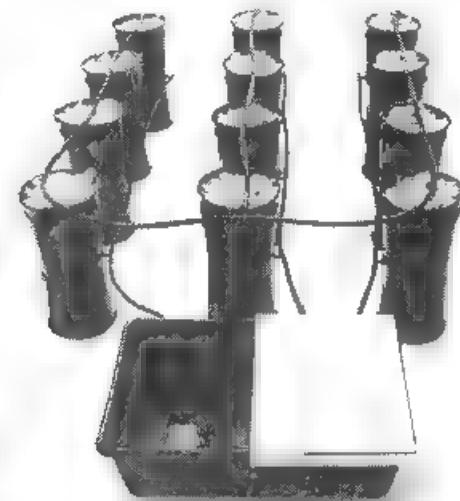
Tanks (not included)

1000 MH—\$199⁰⁰
 400 MH—\$149⁰⁰
 175 MH—\$110⁰⁰
 2 yr. warranty

HYDRO CELL II \$250⁰⁰ Expansion Module \$6⁰⁰

Hydro Cell II includes 12 two gallon grow cells with reservoir, timer, pump, rockwool, 12 week supply of General Hydroponics nutrients with pH Control Kit and filter. Recirculating system is easily expandable to 36 cells without increasing pump size. Our 25 gallon reservoir should be used with more than 12 cells.

Larger pumps and reservoirs allow us to custom fit these systems to your needs



MH to HPS conversion lamps • 4' and 7' parabolic reflectors • light rails and tracks • horizontal mount light fixtures • guaranteed air filtration systems • ion generators • deodorizers • CO₂ generators • CO₂ injection systems • circulating fans • exhaust fans • inflatable exhaust tubing • dehumidifiers • timers (24 hr., multiple program, repeat cycle) • water timers • vinyl tubing • drip irrigation • hydro nutrients • pumps • nutrient heaters • pH pens • dissolved salts pens • temperature & humidity meters and controllers • scales • propagation mats • heating cables • rockwool cubes • rootcubes • new "root pruning" pots • clone domes • Pro-mix • Sunshine mix • loose rockwool • Gro-rox • bat guano • kelp • plant hormones • cloning aids • pH balancers • bloom boosters • 99% reflective mylar • white visqueen • greenhouses and accessories

DANSCO VALLEY HALIDE
 E 14109 Sprague #5
 Spokane WA 99216
 509-924-8333
 800-527-7012 Ext. 294 — orders only

DANSCO HALIDE
 315 North 105th
 Seattle WA 98133
 206-784-9492
 800-345-3398 — orders only

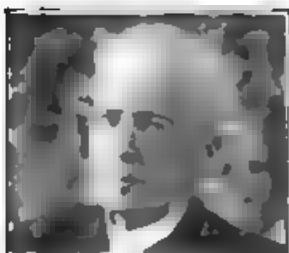
DANSCO INDOOR GARDEN CENTER
 844 University Avenue
 Berkeley CA 94710
 415-549-2918
 800-523-1367 — orders only

Dealer Inquiries. DANSCO DISTRIBUTORS, 4442 27th W, Seattle WA 98199. 206-282-7282

VISA, MC, AMEX or will COD with prepaid freight

PHOTOTRON

PIONEERS IN THE MODERN ERA OF RESEARCH ON THE MINERAL NUTRITION OF PLANTS...ONE OF THEM WILL CHANGE YOUR LIFE



LUTHER BURBANK lived from 1849 to 1926 and not before, it since has there been a greater contributor to plant development. Every domesticated fruit or vegetable or flower has been produced by Mr. Burbank directly or by his methodology.

Mr. Burbank's methodology was extremely simple. (1) First he would GATHER the most extensive seed stock of a particular species from all over the world. (2) Then he would PLANT all of the seeds closely together. From the resulting ten thousand plants, he would (3) SELECT one or two that had the most pronounced characteristic of size or shape or scent or color or whatever he was looking for. (4) From those one or two plants, all of the seeds were PLANTED and from the resulting ten thousand plants, only one or two would be (5) SELECTED that further developed more of the desired characteristic. This process of hunting and sowing would be repeated as often as necessary from a few generations to hundreds of generations until Mr. Burbank would release the final seed stock to the rest of the world.

Mr. Burbank grafted one hundred different types of apple branches onto a single apple tree and each branch bore a completely different fruit the first year for his personal selection. Inventing this grafting technique he squeezed the bounds of years of research into few. The results of his work from potatoes to apples to EVERY domesticated fruit vegetable or flower are what we grow today.

The Burbank Potato Quadrupled World Production in One Year Luther Burbank never needed a lot of space. In his lifetime he conducted over one hundred thousand series of experiments and changed the world on less than three acres of land.



DENNIS ROBERT HOAGLAND, 1888-1949, was the inventor of the "four salt Hoagland solution" from which all HYDRO PONICS are based. Although a brilliant botanist, Dr. Hoagland was interested in only one thing, the BIO-MASS (size and weight) of the TOMATO produced hydroponically. Working under the scientific assumptions of the early 1900s, Dr. Hoagland's world assumed four things:

A. Plants had a life cycle leading to death. WE NOW KNOW plants have a very different way of achieving a life and death cycle than does the human being. Humans are more genetically structured toward their life and death cycle than plants. Plants allow environmental factors to control not only their life and death cycle but their sex as well. Such things as (1) "PHOTO-PERIOD" (length of day and night and do day); (2) "TEMPERATURE PERIOD" (length of time under temperature variation); and most importantly (3) "NUTRIENT PERIOD" (length of time under a given nutrient configuration).

B. Maximum SIZE and WEIGHT before death of (a) root, (b) shoot, (c) fruit known as the "root to shoot to fruit ratio" was the absolute goal. WE NOW KNOW the "root to shoot to fruit ratio" is a fallacy. There is no such thing. While keeping the fruit exactly the same size as in (a), both the root and the shoot (above the soil) can be minimized. And by reducing the inter-nodal length (distance between the budding sites) from an average 16 in. feet (less than 1 inch), the number of the normal sized fruit will increase to thousands per plant. (*Footnote See inter-nodal length graph in "The Garden" brochure.)

C. Plant lush feeding - excess nutrients meant nothing. WE NOW KNOW plant lush feeding kills the plant. The basis of the hydroponic method is that a fresh nutrient supply is pumped in while the used nutrient supply drains out. This allows the plant to absorb excess amounts of calcium. It allows the plant to absorb too much what it requires. When it does not absorb other more beneficial nutrients like N, P, K, Mg, Na, Cl, etc. Too much calcium and the plant gets GARDENING OF THE ARTERIES and dies after one seasonal growth period.

D. An aqueous (water) based system without a buffer can have a 10 times larger capacity. CEC (Capacity) was best. WE NOW KNOW an aqueous (water) based nutrient solution containing the root system with 10 times more of the root to a given water volume - a thick, fleshy root that has layered itself with salt to protect itself. Nowhere near the amount of root surface area is produced hydroponically (water based) as when the roots are buffered against excess concentrations by a soil medium.

WE NOW KNOW that the soil mediums used by Dr. Hoagland such as perlite vermiculite and sand have no buffering action or CATION EXCHANGE CAPACITY (CEC). The CATION EXCHANGE CAPACITY of a soil medium is the ability of that medium to ABSORB AND RELEASE a nutrient solution. The cation exchange capacity of the soil medium prior to the root system and as it is expanded thousands of root structures, producing thousands more square inches of surface area. The greater the surface area, the more efficient the nutrient uptake and faster growth.

The early 90s did not have the advanced technology of 1986. Experiments for testing nutrient solutions and plant tissue such as the gas/liquid chromatographic assays (GLC). Thin Layer Chromatogram (TLC) and sub-validated atomic absorption equipment were not available.

With the aid of the computer since 1981 the medical profession by man has advanced in the last 30 years more than in the preceding 2,000 years. If Dennis Robert Hoagland had access to 1986 technology in 1920 he never would have designed the hydroponic system.



JEFFREY JULIAN DEMARCO, 1951 - is President and Founder of PYRAPONIC INDUSTRIES and is the inventor of the methodology known as GROWING PLANTS PYRAPONIMETRICALLY and the PHOTOTRON.

Three things are required to grow plants pyraponimetrically. 1. A laboratory grade growth chamber known as the PHOTOTRON. 2. A specific MEDIUM. 3. A specific NUTRIENT SUPPLY COMPUTER DESIGNED IN PARTS PER MILLION (PPM) for each individual PHOTOTRON. The exact nutrient calibrations are individually calibrated based upon two soil samples taken from the phototron one after FORTY-FIVE DAYS of plant growth and one after 90 DAYS of plant growth - ONLY TWO ARE REQUIRED.

Mr. DeMarco's Masters thesis was on the cannabinoid profile of marijuana. After working under both federal and state license in a laboratory at a major university for over two years, and since 1976 has developed the phototron, the methodology and the chemistry to study the internal workings of the plant (not just the SIZE and WEIGHT, but utmostly important to study the MOLECULAR and PHARMACOLOGIC properties of the plant). The research developed in pursuit of Mr. DeMarco's

research PERTAINS TO ANY PLANT

Pyraponimetry is the study of molecules produced inside plants. This type of study requires very sophisticated equipment like the Gas Liquid Chromatogram (GLC), Thin-Layer Chromatogram (TLC) and Atomic Absorption.

THC de-9-hydroxy tetrahydrocannabinol produced by the marijuana plant is so small so pic that 100,000 molecules to end to end would sit on the head of a pin. When you're concerned about growing structures so infinitely tiny, what difference does the size of the plant make?

In the disciplines of Botany, Plant Physiology, Soil Chemistry and Horticulture a root to shoot to fruit ratio requires a large root and a large shoot to grow large fruit.

Growing plants pyraponimetrically (by exactly measuring all 21 environmental elements) requires the plant to produce minimal root, minimal shoot (inter-nodal length) and maximize the number of budding sites and size of the bud, flower or fruit.

To develop the (A) PHOTOTRON, (B) the CHEMISTRY and (C) the plant manipulation methodology known as GROWING PLANTS PYRAPONIMETRICALLY, the marijuana plant was used because of its unique properties.

The PHOTOTRON was designed to (1) GROW 6 PLANTS THREE AND ONE HALF FEET TALL IN 45 DAYS, (2) Duplicate exactly the quality of the plant material the seed was, (3) RE-LOWER AND RE-BUD PLANT MATERIAL EVERY 45 DAYS UP TO 9 TIMES PER YEAR OR NEVER KILLING THE PLANTS YEAR AFTER YEAR, (4) BE REMOVED FROM EVERY DAY. (The system is designed for plant removal not containment) and (6) To produce 6-8 ounces of plant material every 45 days.

Growing Plants Pyraponimetrically will change the way we grow plants, then as we know it today. At PYRAPONIC LABORATORIES over 25 PHOTOTRONS used over 30 varieties of plants. PYRAPONIC LABORATORIES successfully attacked 17 varieties of flowering plants, 14 varieties of fruits and vegetables, 8 varieties of tobacco and will force flower roses 365 days per year.

As a new company now PYRAPONIC INDUSTRIES will have market the PHOTOTRON through the major retailers in television and radio. I will look forward to working with you. Thank you very much.

1-312-544- B-U-D-S

Jeffrey Julian DeMarco
President and Founder - Pyraponic Industries

PHOTOTRON 2

HAWAII VS THE PHOTOTRON

Jeffery Julian De Marco, President and Founder of PYRAPONIC INDUSTRIES

My major achievement is the common profile of marijuana. I tell you this for historical footnote only.

In pursuit of my own marijuana, I generated the most extensive popular literature library in the world. Then, I generated the most extensive scientific bibliography in the world. I then went into a laboratory under Federal license at a major university in which I designed a laboratory grade growth chamber called the PHOTOTRON.

If you read all of the popular literature, did all of the scientific literature, I did. And lookin' every apparatus that is in High Times, you will find one common denominator. Every system, UP TILL NOW, has attempted to re-create Hawaii. I suggest that when you finally achieve the re-creation of Hawaii, you can do NO BETTER than Hawaii's results. **AND WHAT ARE HAWAII'S RESULTS?**

In fact, you will grow the plant 6 to 9 months, 8 to 12 feet tall. In fact, you will average a 6-inch internodal length (distance between budding sites). In fact, have a 10% budding ratio at the tops of the plant. In fact, throw away 90% of the plant material (leaves/shake). And in fact, **YOU MUST START ALL OVER AGAIN**.

Look. The only thing I'm waiting nine months for is a baby, number one. Number two, I do not want a tree in my house. And number three, I am not going to pay the **ELECTRIC BILL TO PRODUCE THE SUN** somewhere in my closet. Do not let its pretty looks fool you. Do not let its size (3½ feet tall x 18 inches wide) fool you. Do not let its weight at 17 lbs. fool you.

The PHOTOTRON will draw \$4.00 per month in electricity (average). My system is totally different.

In fact, you will grow 6 plants three and one half feet tall in 45 days, guaranteed. You will maintain a one-inch internodal length, guaranteed. That each plant will produce 1,000 budding sites, **FROM TOP TO BOTTOM**, guaranteed. And there will be 6 plants per individual PHOTOTRON, guaranteed.

And this is the only system in the world where you can re-flower and re-bud the exact same plants every 45 days, up to nine times per year without killing them off, EVER. Then, you may re-flower and re-bud the exact same plants every 45 days up to nine times per year while you remove from the system every single solitary day. Every day (average 6-8 oz. every 45 days). You remove from the PHOTOTRON every single solitary day, beginning on day 24 from seed germination.

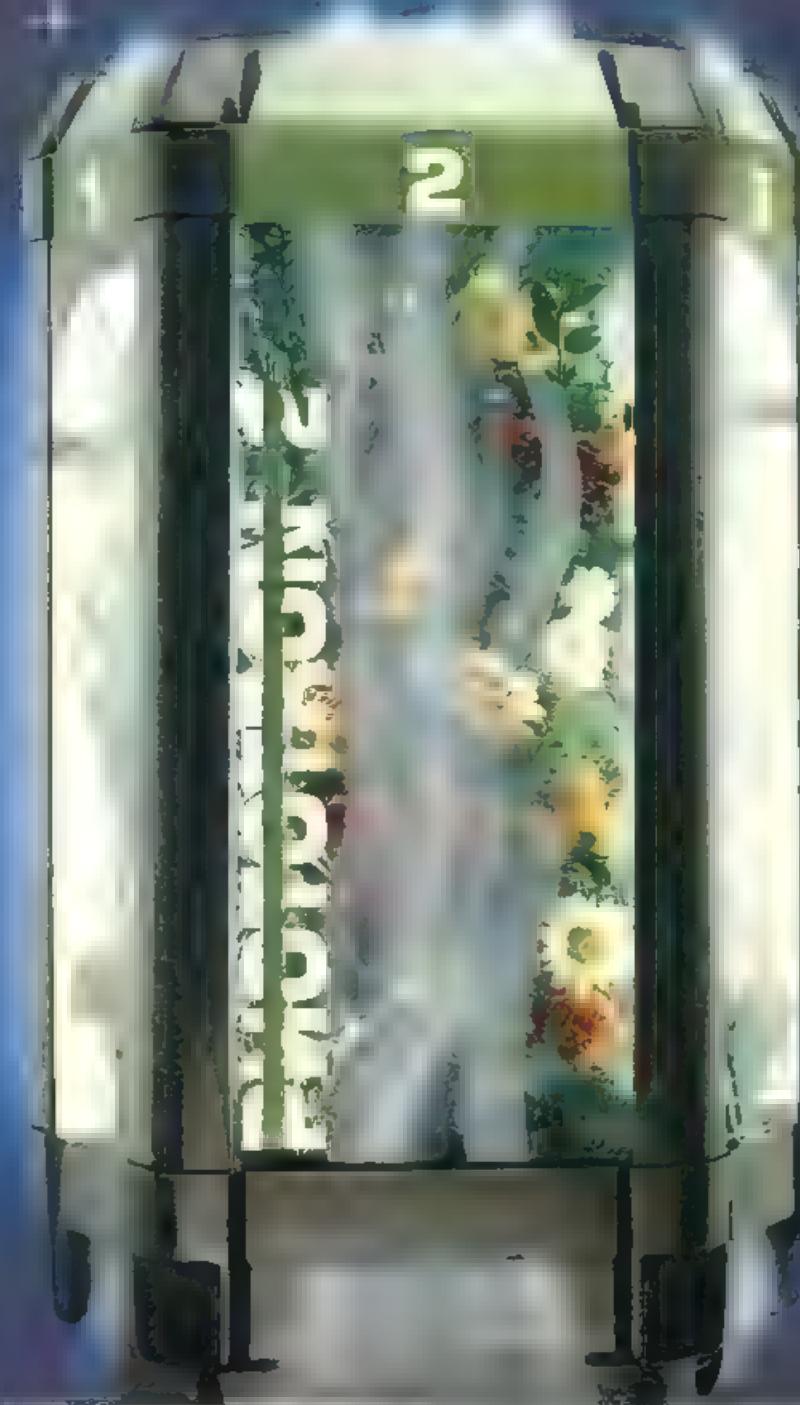
I personally guarantee and service each PHOTOTRON, so do not let its technical nature throw you. You will require **THREE PAGES OF INSTRUCTIONS ONLY**. Because the system is **TOTALLY COMPLETE**. You will do three things:

1. Select your seed.
2. Water.
3. Water.

Then, if you have any questions at all, you may call me direct. Ask your question out your shawm. And carry on about your business. You cannot fail with my PHOTOTRON. I do not allow any of my PHOTOTRONS to fall below SHOW-CASE. I have personally guaranteed every PHOTOTRON that has ever been sold. And I have never had one returned. I am not starting now.

If you do not learn more about plant production than you have ever learned before, I will give you for the call.

Jeffery Julian De Marco



THE PHOTOTRON

Mobile Systems	50%	1	YES							
LIGHT	LEAF SELF SHADING									
	LINEAR FEET OF LIGHT									
	SPECTRUM AND SATURATION									
NUTRIENTS	COMPUTER DESIGNED FOR EACH SYSTEM									
	GUARANTEE FEMALE SEX									
	NEVER KILLS THE PLANTS									
	ONE-INCH INTERNODAL LENGTHS - 1,000 BUDGING SITES PER PLANT									
CO2	ONE-TIME AND RE-BUD SAME PLANT IN 45 DAYS UP TO 9 TIMES PER YEAR									
SERVICE	REFLOWER AND RE-BUD SAME PLANT IN 45 DAYS UP TO 9 TIMES PER YEAR									
	TOTALLY SELF-SUFFICIENT TO LEAF SATURATION									
	SERVICE NOT LINE FOR QUESTIONS									
	CUSTOMER SUPPORT									

If you do not learn more about plant production than you have ever learned before, we will pay you for the call. CAN YOU AFFORD NOT TO CALL US. OR, send \$3.00 money order for our brochure, "THE GARDEN-GROWING PLANTS PYRAPONIMENTRICALLY" to:

PYRAPONIC INDUSTRIES, INC. P.O. BOX 3481, MELROSE PARK, IL 60160

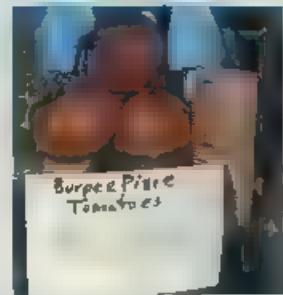
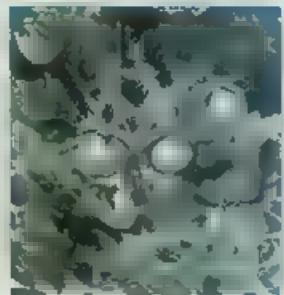
A photograph presented from previously submitted materials for Master Thesis entitled "Factors Controlling Root-Production and Plant Growth," pertaining to any plant.

1-312-544-B-U-D-S

PYRAPONIC LABORATORIES GROWING PLANTS PYRAPONIMETRICALLY

PYRAPONIC LABORATORIES MAINTAINS (1) The most extensive scientific literature library in the world (2) The most extensive popular literature in the world (3) The most extensive library of Data Packages and Soil Analysis selected from over 1000 PHOTOTRONS sold worldwide (4) On premises, over 25 PHOTOTRONS with the capacity of three shelves each so that up to 75 experiments may be ongoing at any one time. Jeffery Julian DeMarco President and Founder of PYRAPONIC LABORATORIES and PYRAPONIC LABORATORIES maintains his PHOTOTRONS for the purpose of killing plants. It is only after experimenting with the parameters of death at PYRAPONIC LABORATORIES that the PHOTOTRON can perform so miraculously around the world. Said to be the number 1 herbicidal maniac, Mr. DeMarco has full-time laboratory technicians on staff and has the most extensive technical consulting network from Universities around the world. PYRAPONIC LABORATORIES maintains the most sophisticated on-premises computerization for data analysis and retrieval in the world. Thousands of experiments have been conducted and thousands more will be ongoing to expand ever further the performance of each PHOTOTRON. As PYRAPONIC LABORATORIES introduces new methods or nutrient formulations, each PHOTOTRON owner is contacted so that every PHOTOTRON is upgraded long after it has been purchased. THE PHOTOTRON IMPROVES MORE AND MORE THE LONGER YOU OWN IT.

GROWTH PATTERN OF TOMATOES GROWN PYRAPONIMETRICALLY



Young tomato plants in vegetative stage.

Young tomato plants beginning to flower and fruit.

Fruiting less than an inch apart

"Normal" fruit development with a reduced root-to-shoot ratio

GROWTH PATTERN OF CUCUMBERS GROWN PYRAPONIMETRICALLY



Typical testing pattern by Pyro-Plants nearing top of Phototron depicting the morphological differences of cucumbers grown under identical conditions except one nutrient level.

Plants filling the Phototron in less than 45 days

Tremendous flowering and fruiting less than an inch apart

"Normal" fruit development with a reduced root-to-shoot ratio.

HERBS, VEGETABLES AND FLOWERS GROWN PYRAPONIMETRICALLY



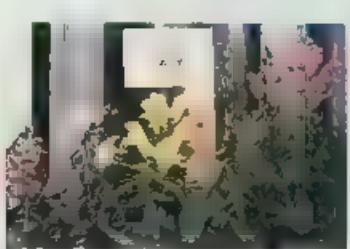
Herbal garden at 65 days of Parsley, Sage, Basil, Oregano, Thyme and Chive.

The hottest jalapeño pepper grown anywhere in the world

Laboratory experiment producing complete root systems on the stem structures of flowering marigolds.

Normal marigold flower size produced with reduced root-to-shoot ratio

GROWTH PATTERNS OF ZINIAS AND SNAPDRAGONS GROWN PYRAPONIMETRICALLY



Day 44 Phototron jammed with flowering zinnias.

Day 52 "Normal" zinnia flower size produced with reduced root-to-shoot ratio.

Day 46 Phototron jammed with flowering snapdragons.

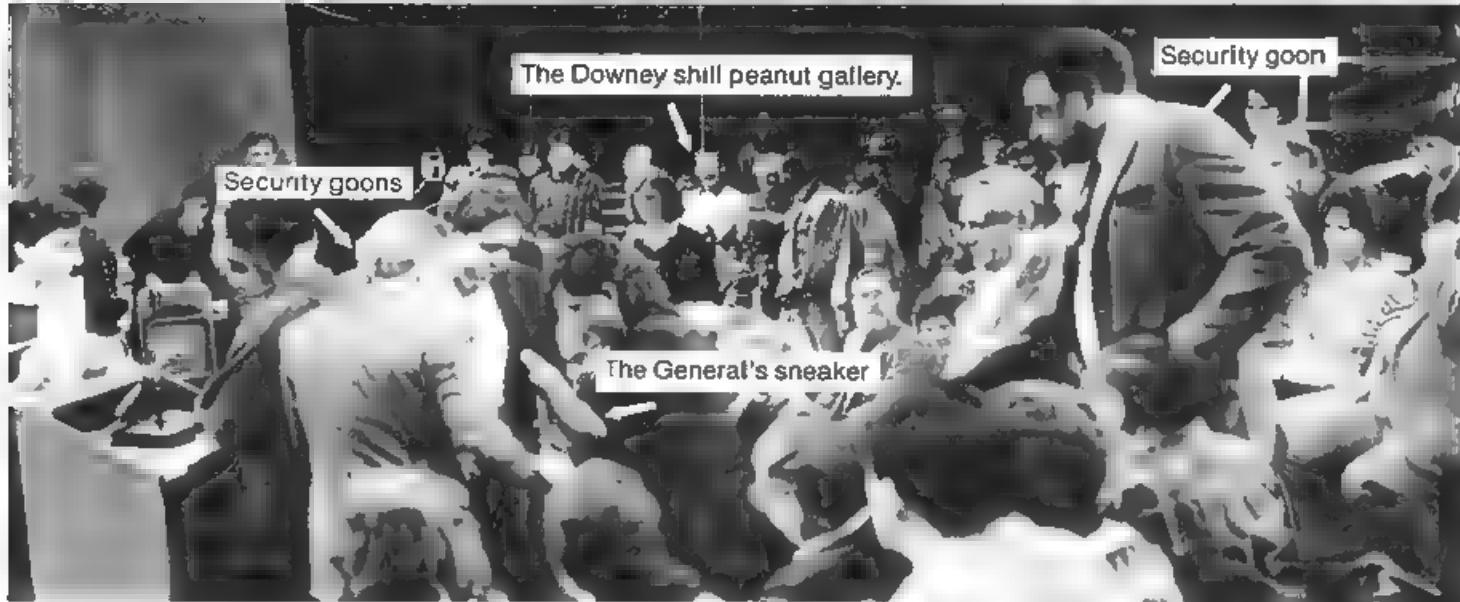
Day 58 "Normal" snapdragon flower size produced with reduced root-to-shoot ratio

HIGHWITNESS NEWS

MARCH '88

● NO. 151

Photo Lab Helps Cops Bust
Grower! (Page 20)
Kerr - McGee Sez: "Let 'Em Eat
Raffinate!" (Page 20)
Dutch Bulldog Muzzled!
(Page 21)



Assault! Not an uncommon occurrence on the set of the Morton Downey Jr. Show.

Downey vs. HIGH TIMES

TV's most infamous slapper takes on the
Wacky-Weed Weirdos
in a 5-round main event.

by Steven Hager

Morton Downey is proof you can make money underestimating the intelligence of the American people. Since last November, Downey has hosted a talk show on WWOR-TV in Secaucus, New Jersey. Unlike most talk shows, which attempt to air several sides of an issue (however boring that may be), Downey eschews fairness in favor of grandstanding right-wing theatrics in the Joe Pyne tradition.

The basic idea is to get idearistic liberals on the show (Downey calls them "pablum pukers"), and then hurl invectives at them with the help of a rabid pro-Downey audience.

The show is sometimes amusing, sometimes boring, but mostly downright scary. How can a strutting fascist get access to prime-time TV to air his prejudices? Even intelligent rightwingers are embarrassed to be associated with clowns like Downey. Instead of presenting arguments to support his views, Downey usually threatens to beat-up anyone who disagrees with him — threats that are made while Downey is surrounded by security guards

The show is produced by Quantum Media, Inc., a company owned by WWOR-TV (a subsidiary of MCA) and Bob Pittman, former head of MTV. A self-proclaimed boy-wonder, Pittman has already shown his penchant for formulized media garbage with his handling of MTV. Now he wants to create a talk show for the wrestling audience. In Downey he's found his perfect tool.

Downey has a proven flair for media stunts. In 1986, while working as a host of a radio talk show in Chicago, he crossed the Mexico-Texas border with 43 illegal aliens. "If we can't defend the border from illegal aliens, who can we defend it from?" asked Downey, implying Texas was under imminent threat from foreign invasion.

This stunt brought him to the attention of Pittman, who was looking for an Ed Anger-type (a rabid columnist for the *Weekly World News*) to launch on TV. Pittman's career is barely off the ground, but he already has plenty to answer for. Although he takes credit for "creating" MTV in his press releases, Pittman ac-

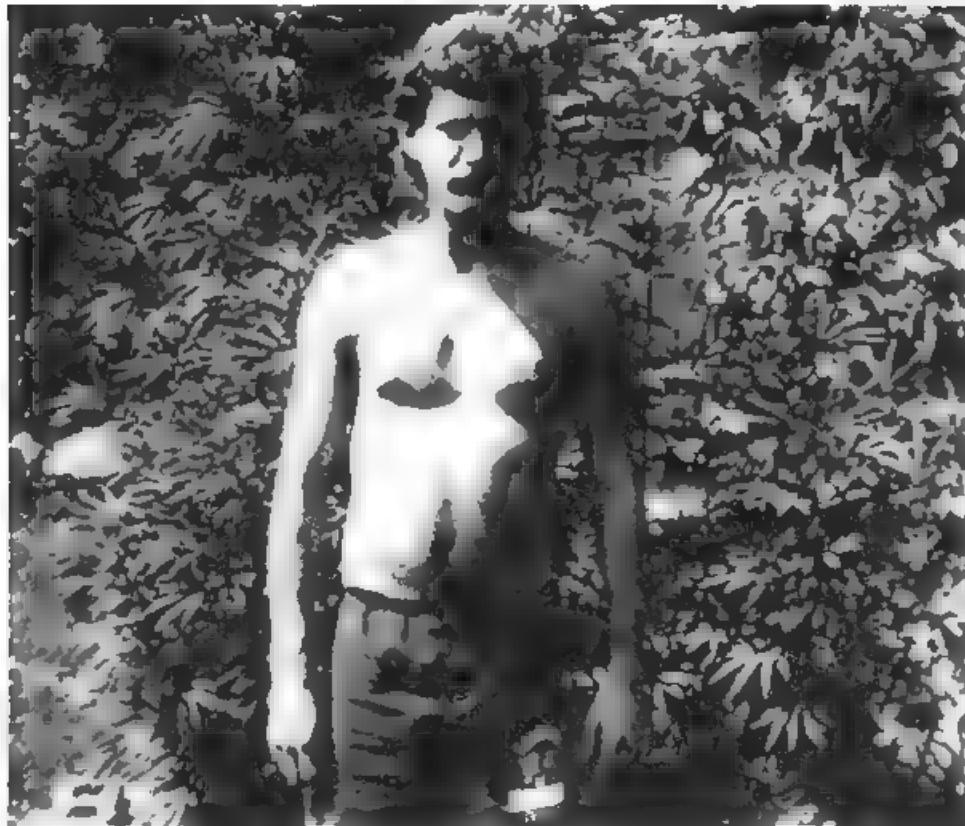
tually had little to do with creating the show since it was in pre-production before he joined Warner-Amex Satellite Company. However, a short time later, Pittman had successfully catapulted himself above his superior, thus earning him a reputation as a dangerous corporate shark. Last year, when Pittman founded his own record company, the announcement was made with a full-page ad in *Billboard* heralding Pittman's past achievements. "The guy is an unashamed self-promoter," said a Warner's executive. "One of the most egotistical guys I know."

Naturally, when HIGH TIMES got a call from Quantum last December asking us to appear on Downey's show, we decided to stroll into the belly of this beast. The subject was urine testing, and Jon Gettman from NORML, Dr. John Morgan of the City University of New York, and Jeremiah Guttman of the American Civil Liberties Union (ACLU) were also invited along. Here's what happened.

continued on page 22

HOW TO GET BUSTED

Lesson #1: The Arresting Photograph



AP/WIDEWORLD

RAFFIN-EAT

by Dick Russell

Last spring, when a siting study done by a New York consulting firm failed to pinpoint a single "suitable" location in Oklahoma to potentially host a low-level radioactive waste facility for the Central states region, citizens in four other states within the compact arrangement were outraged. The reason? Not included in the study's waste-producing records was a vast amount of uranium sludge and other material generated at two Kerr-McGee plants.

But as it turns out, that oversight (a citizens' group, the Arkansas Alliance, uncovered it by a simple check of Department of Energy waste-shipping records) was only the tip of the iceberg surrounding Kerr-McGee's current practices for disposal of the nuclear waste emanating from its Sequoyah Fuels Corporation (SFC).

For many years SFC had been dumping what they called "treated raffinate waste", about five million gallons worth, into deep-injection wells. This practice was stopped by appeals to Oklahoma authorities primarily from people among

the Cherokee Nation, within whose boundaries it was occurring. Simultaneously, however, and still ongoing, the corporation has dumped at least 11,000 pounds a year of liquid uranium waste into the confluence of the Illinois and Arkansas rivers. This has been allowed under a permit granted in 1982 by the Oklahoma Water Resources Board, whose overseers include Robert S. Kerr, Jr., also a board member of Kerr-McGee. (Robert Kerr III is the state's current lieutenant governor.)

The Environmental Protection Agency cited the Sequoyah plant 21 times in 1984 and 1985 for exceeding the amount of waste-dumping allowed under a Federal permit and, after a Nuclear Regulatory Commission (NRC) investigation revealed contamination along the riverbanks and suggested "a better method of transference," the SFC plant simply constructed a pipeline directly into the water. Last year, when the Native Americans for a Clean Environment group of Vian, Oklahoma requested a public hearing on whether to renew the expired state permit, Kerr-McGee stopped it with an injunction on grounds that this was an NRC matter. A letter from the NRC to a member of the Native American organization then revealed that the water board's permit actually allows up to 312,000 pounds of legal uranium dumping annually; 11,000 was

simply the purported average. The Cherokee Tribal Council, owners of the banks and bed of the river near the SFC plant, is now planning a lawsuit to try to stop the practice.

In the meantime, Kerr-McGee has come up with yet another waste-disposal plan—turning radioactive uranium waste into farm fertilizer under a new program licensed by the NRC. By adding barium salts to the evaporation ponds where the waste is held, SFC claims to achieve a tremendous reduction of radioactive particles. Setting up a 1,690-acre test plot last year, SFC began dumping treated raffinate waste onto open pasture land and grazing several small herds of cattle on it. SFC data submitted to the NRC showed no significant differences in raffinate versus commercially-fertilized pastures, and eventually the cattle were sold and shipped to local slaughterhouses. The Food and Drug Administration, responding to a complaint, revealed SFC's method of preventing buildup in the cattle of any of the 21 different heavy metals still in the raffinate—a system of pasture rotation and sophisticated feeding schedules which prevented any toxic materials from overaccumulating. Yet rumors persisted that the carcasses of one test herd had been disposed of, adding fuel to contamination fears. By the summer of 1986 the presence of cattle had dwindled and,

Dick Russell is a Boston-based reporter specializing in environmental issues. His work has appeared in *The Nation*, *In These Times*, and *The Amicus Journal*.

HIGHWITNESS NEWS



DUTCH BULLDOG CURBED

In an unprecedented crackdown late last November, Dutch police moved against the popular Bulldog Coffee House chain, Holland's largest string of dope-and-caffeine dispensing emporiums.

Mounting a DEA-style entrapment operation, Dutch undercover cops arranged for a large-quantity hashish buy at the Bulldog warehouse and then dropped in for the bust, hitting both the storage facility and the five Bulldog public premises simultaneously.

While officially illegal, the sale of hash and related substances has been tolerated in Amsterdam's coffee houses for years, much as public prostitution has been allowed to flourish in recognized red-light districts. These activities, along with the widespread gambling action available to tourists, have given Amsterdam the aura of a "wide open city," thus making it a magnet for European fun-seekers. There has been some speculation that the pressure for this police action came from the disapproving U.S. government, which loves to give Soviet-style advice to client states on what they should or should not allow their citizens to do. Not so, according to HIGH TIMES Senior Editor Ed Rosenthal, who was passing through Amsterdam at the time.

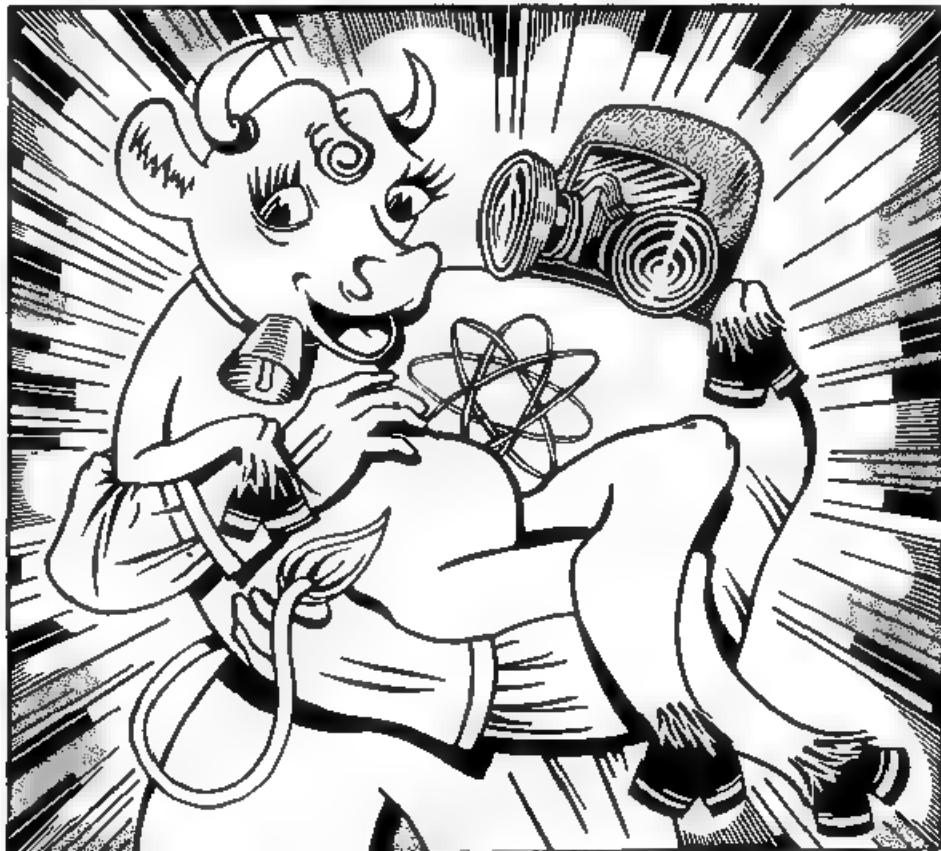
"The real pressure," Ed theorizes, "seems to be coming from other European Economic Community countries, such as Belgium and Germany—who have contiguous borders with Holland—and France, which is only a short train

ride away. There already is a great influx of young people from those countries into Holland, and within the next two years—when E.E.C. passport holders will be able to pass freely across member-countries' borders—that flow is expected to turn into a torrent." Apparently, it was the prospect of this off-to-see-the-wizard conga-line snaking into Amsterdam that caused these continental killjoys to put the nudge on the happy Hollanders. "I think this might be the 'Crystal Night' for Amsterdam—the beginning of the end," Ed says.

So far, the effects have been mostly cosmetic. Shuttered for only a short time, the Bulldogs quickly reopened for business and within two more days had resumed their customary, only slightly surreptitious hash-slinging. What did disappear, however, was all public evidence of dope availability at these and other similarly inclined coffee houses. Dutch police have ordered the removal of all signs, posters, window-stickers, menus, etc. that announce or describe the drugs on sale. They can still sell the stuff, they just can't *solicit* your business. The traffic continues, it's just a little quieter. Is this only the first squeeze of a steadily tightening stranglehold? ●

despite strong opposition from the surrounding farming community, Kerr-McGee went ahead with a purchase of 7,700 acres from Monsanto Ranch Properties to further develop the "pasture enrichment" program.

Today the principal crop of the company's agricultural experiment is hay forage for cattle. Tests conducted by environmentalists of hay grown with the treated waste has found higher levels of the heavy metals molybdenum and nickel than in commercial fertilizer. Although the waste "product" has not been approved for sale, NRC records indicate it might eventually be the cheapest, most ideal method for getting rid of millions of gallons of low-level radioactive waste. But stories persist of damage to wildlife in the surrounding area—an abnormal frog with five extra legs, a two-headed blackbird showing up at a bird-feeder, and goats, cattle and other animals dying mysteriously. Until this year, a large percentage of the hay was burned. Now, in what passes for a philanthropic gesture, Kerr-McGee is donating thousands of bales of the hay to the Navajo Indians being forcibly relocated by the Government in the Big Mountain sector of Arizona. (For years, Kerr-McGee also "donated" uranium tailings to Navajo land around Shiprock, New Mexico, where health problems have since been severe.) ●



NICOLE EISENMAN

BEFORE

Mort "Earth Dog"

Downey, 1967.



AFTER



Downey

Continued from page 19

The HIGH TIMES contingent arrived early, was given VIP treatment, and seated before the regular audience. We were, however, forced to walk through a metal detector, and the Downey staff confiscated several signs, including "Mort Tests Positive, He's a Dope."

Before the taping started, a staffer came out to check the mood of the crowd. "How many are in favor of urine testing?" he asked. The response was lackluster. Either most of the crowd was opinionless, or they were being intimidated by a mere 12 long-haired, scruffy HIGH TIMES contributors.

Downey made his usual entrance, pacing quickly past the audience and onto the stage. From the minute he walked in, it was obvious where the Downey shills were in the crowd. They had been carefully placed at the back so as not to stand out too much.

"Let me tell you something," began Downey. "They're tryin' to blame the kids for drugs in this country, but that's a lot of crap. It's the older folks. Those are the ones makin' the bread, and those are the ones who need to be wiped out like vermin. Drug testing...is that the answer? Let's find out!"

The first 15 minutes of the show was pretty boring. Downey gave the anti-drug spokespeople a chance to state their position, and most were real wishy-washy. The only comic relief was provided by The General, who kept shouting rebuttals to Downey's statistics.

Downey: "One out of five Americans use drugs regularly."

The General: "Yeah!"

Morgan: "Like you, Mort, you're smoking."

However, during the second commercial break, six security guards surrounded The General and physically dragged him out of the studio. The message was clear: if the HIGH TIMES crew kept it up, we'd all be tossed out.

Even Downey's anti-drug "experts" were waffling on random urine testing. Ed Fox, a drug rehabilitation counselor, didn't support it, and neither did Yvonne, a recovering drug addict. Governor Pete DuPont phoned in to suggest high school students get tested randomly, and was treated with a loud round of boos. Downey backpedaled by trying to separate marijuana from the issue.

Downey: "Let's forget about marijuana."

Gettman: "No, let's start with marijuana. Any settlement on the drug issue has to accommodate the marijuana smokers."

Downey: "But that guy selling marijuana is the one who wants to kick you up to harder stuff."

Gettman: "Not really."

Several times the audience was treated to the sound of "I Want To Take You Higher" by Sly and the Family Stone, while seeing footage of an Amtrak train crash. The accident, which occurred on January 4th, 1987, resulted in 16 deaths, and the blood of the driver was found to contain a THC metabolite.

Dr. Morgan repeatedly tried to explain this did not mean the driver was high at the time of the crash. "Drug testing does not show impairment," said Morgan. "It only shows that someone may have

smoked a marijuana cigarette up to 30 days before the test."

Cornered once again, Downey turned to his clipboard. "Eight out of ten people arrested in New York in a serious crime show cocaine use!"

"Where does that figure come from?" asked Jeremiah Guttman of the A.C.L.U.

Downey: "You don't have any figures! You can't back up a damn thing you say! You're full of bull!"

Guttman tried to answer this allegation, but Downey cut him off several times.

Downey: "Shaddap! Shaddap! Shaddap!"

Holmstrom: "Go back to Cleveland!"

Downey (after moving to the side of the stage and standing near his six security goons): "Watch your mouth, licker! You got a big mouth when you're a long distance away."

Stathis: "Easy to say with your goons around you!"

Downey: "Cool your mouth, flip lip!"

Later in the show, Downey zeroed in on Holmstrom once again, perhaps because of his prominent HIGH TIMES baseball cap.

Downey: "What do you think about drug testing?"

Holmstrom: "I don't want the government looking through my urine, and I don't want them looking through my house! And that's in the Constitution! Unlawful search and seizure!"

Downey: "Then how can we slow down the rapid use of drugs?"

Holmstrom: "Drugs or drug abuse?"

Hager: "What about Ollie North? He's the one who brought all the cocaine in!"

continued on page 25

NORML — IZER

WHY MARIJUANA WILL BE LEGALIZED

by Jon Gettman, NORML National Director

Public debate about marijuana laws focuses on marijuana, and how dangerous it is supposed to be, rather than a straightforward discussion of why people ought to be jailed for something they do at home. Recently a new twist has been added to the suppression of marijuana smokers—denying them jobs on account of off-the-job marijuana use. The backlash to urine testing makes the legalization of marijuana inevitable.

Controversy has clouded the important questions about marijuana smokers. Why do they use marijuana and why are they still considered criminals? People use marijuana because they like it; many find it a safe alternative to alcohol. They are considered criminals because the government refuses to acknowledge their rights to make their own decisions about marijuana use—which they do, despite the laws.

Firing an employee for using marijuana at home is as unjust as firing an employee for reading *Das Kapital*. Arresting a couple for smoking marijuana in their bedroom is as unjust as arresting them for using contraceptives. Discriminating against an American in employment or housing based on their contemplative practices is as unjust as discrimination based on religious beliefs.

Marijuana prohibition makes a mockery of freedom and privacy, and when the public understands this there will be drastic changes in attitudes about marijuana legislation. The moral cost of hypocrisy commands change in a free, democratic society. The political costs will simply become too great to bear. A lot of political capital is invested in the morality of re-



specting privacy, as evidenced in the Bork hearings.

The Democratic Party has been in a state of confusion over the last twenty years. They adopted almost all the policy positions popular with the young in the 1960s except marijuana legalization and thought that was enough to win their loyal support in the coming decades. Instead they saw Nixon and Reagan gain two-term presidencies. Jimmy Carter is the only Democrat to win the White House during the last twenty years, and he ran on a platform that included marijuana decriminalization.

Many marijuana smokers, as yet, do not vote. The Census Bureau reports that only twenty percent of young whites, for

example, voted in 1986. Most marijuana smokers, young and old, are disgusted and cynical about a political process that denies them the same privacy rights of other Americans. This has been the goal of the Reagan anti-marijuana policies, openly referred to as a program of suppression by the Justice Department. Ironically, the commission appointed by Nixon in 1972 which endorsed marijuana decriminalization cited increasing disrespect for the law and our legal system as the most dangerous consequence of criminal marijuana laws.

It is urine testing that is quickly moving the marijuana issue to the top of the national agenda by making marijuana illegality a pocketbook issue. These tests are making otherwise good, competent employees angry, resentful, frustrated, and ready to assert their political rights.

As urine testing spreads during the next two years this resentment will find its voice in public protest, transforming the controversy over marijuana into a populist debate over privacy, freedom, and land use—real values all Americans treasure. When marijuana smokers take their grievances directly to the public, sympathetic politicians will find the courage—that is, voter support—to challenge prohibition.

The legalization of marijuana is inevitable because the moral and political costs of sustaining it are simply too great. It is inevitable because urinalysis-based discrimination provides marijuana smokers with a grievance. Historically, large populations who are defined by their common grievance are the most powerful political force in America. ●

CASE IN POINT

EPILEPTIC'S NEED FOR LEGAL POT

by Maura Less

Canadian Terry Parker's life has been marked by a series of horrible misfortunes. He has suffered from almost all possible types of epilepsy, from grand mal (the horrifying seizures one usually associates with epilepsy; eyes rolling back, violent physical jerking), to petit mal (also called absence—where the epileptic suddenly becomes completely unaware of his surroundings and may or may not go on to pass out), to "myoclonic Jacksonian" seizures (where the victim acts "robot-like").

He has suffered ineffectual brain surgery twice, and has been placed on the usual heavy doses of antiepileptic drugs, all of which have unpleasant side effects. It is a grim but little-known fact that about 25 percent of all epileptics cannot be helped by conventional medication.

One drug, however, really does help control his seizures: marijuana. Parker found that smoking pot in conjunction with his usual anticonvulsants (mysoline, dilantin, and tegretol) significantly decreased both the frequency and the severity of his seizures.

He also found that it helped him better deal with the "prodrome"—the time immediately preceding a seizure—which he described in a 1983 interview as follows:

"First there's the feeling of being invaded by a ghost or evil spirit. It takes possession and controls me. I get nauseated. There's a tingling sensation in my arms and legs. The movement inside becomes more violent. My eyes jerk back; my arms and legs become

detached. I have no control over myself."

Parker decided that, as several cancer patients and people with glaucoma have been allowed to use legally prescribed marijuana, he would apply for permission as well.

But things did not work out as planned. The Toronto medical authorities subjected him to a nine-week in-hospital study in Toronto's Addiction Research Foundation (ARF), in which he was "not able to leave, subjected to daily EEGs, bloodwork, needles in your head," the works. He was told the substance he was being given was marijuana. In fact, he was given only THC.

But THC is not marijuana—there are many other psychoactive ingredients in pot, few of which have been synthesized and studied.

The THC study—at the cost of nine hospitalized weeks in Terry Parker's already less-than-happy life—was inconclusive. It showed neither a positive nor a negative effect for marijuana on Parker. The doctors concluded that he just wanted to get high and that pot has no appreciable effect on epilepsy.

When Parker realized that THC, not marijuana, had been used in the study, he channeled his frustration and anger into more research. He talked to scientists all over the U.S. and Canada and acquired reports of studies on another constituent of marijuana and its effect on epilepsy.

This ingredient is cannabidiol—or CBD for short—and in two studies done in the early eighties and published in the *Journal of Clinical Pharmacology*, it showed significant anticonvulsant effects. "A 90

percent success rate," said Dr. Paul Consroe, a collaborator in one of the studies.

But Parker could not find a Canadian scientist to undo what the ARF study had done as far as Canada was concerned, the case of marijuana's efficacy on epilepsy was closed.

Scarred by frustration and forced to live on a tiny government pension (since his uncontrolled seizures made it impossible for him to work), Parker continued to receive pot and treat himself with it illegally.

During the ten years since he discovered that marijuana helped him, he has been busted five times on charges ranging from cultivation to 1/2-gram possession (for which he has already done seven days time—the case is still pending).

He has spent much time and money fighting for the right to lead a somewhat normal life, but Canada's legal system has responded by draining him both financially and emotionally. He is little closer now to his goal of legal pot for epileptics than when he started in 1977, despite a preponderance of evidence in his favor.

Smoking pot allowed him to go from being on a disability pension to holding a productive job as an apprentice mason. He does not smoke on the job and has been assaulted by a system whose contradictions maul what they are supposed to protect. Anyone with information that might be helpful to Terry, or epileptics who have had experience with marijuana, are encouraged to call him at (416) 533-7756 or write him at 2209-55 Triller Ave., Toronto, Ontario, Canada M6R 2H6. •



COURTESY TERRY PARKER, JR.

Downey

continued from page 22

Downey quickly called for a commercial. When the show resumed, he vented his obvious frustration on Getman.

Downey (ranting): "You can hype your organization with all you're trying to shove down with your fancy Brooks Brothers suit! It doesn't mean crap! All the hippies look like this! We have cleaned ourselves up and we are with society!"

Downey moved on to Carlo McCormick. "What about this guy who looks like Marianne Faithful? I used to look like that," he said with a smile.

"You're pretty scary looking yourself, Mort," said McCormick.

"I am," agreed Downey. "Just remember that when you meet me in a dark alley, Howie, get your camera on this guy, the acid prince of HIGH TIMES."

Sean Morton Downey, Jr. was born in 1923, the son of Sean Morton Downey, Sr., a well-known singer and radio personality, and the actress Barbara Bennett. He grew up in Greenwich, Connecticut, Beverly Hills, and London, and spent his summers in Hyannis Port, Massachusetts, playing softball with the Kennedy kids.

Downey's pampered, rich-kid lifestyle was interrupted by the divorce of his parents in 1931. His father won custody in a bitter, public battle, after accusing Bennett of heavy drinking. A problem child, Downey was sent to military school. "I only saw my father three or four times a year," he says.

Aided by his father's connections, he pursued a career in singing and songwriting. "I'd met a group of Okies who were singers," he says, "and we played a lot of country and rock 'n' roll. I'd written songs before that for Patti Page and Eddie Fisher. Not being a person who gives up easily, I decided I was going to keep at it until I had a gold record. 'Boulevard of Broken Dreams' sold a million copies and I went on the Dick Clark Caravan."

Downey ran out of money in El Paso, Texas, and took a job as a disc jockey. Before long he was fired. The following year, in 1959, he spent 90 days in jail for writing bad checks. Though he claims his financial problems were orchestrated by his father, Downey says jail was the turning point in his life: "The best lesson I ever had." However, after being released, he burned his way through 15 deejay jobs in three years, getting fired from each one.

Downey had gotten his first taste of

DETECT PLANT SEX

Don't Waste Growing Space
Get Rid of Male Plants.

GROW ONLY FEMALE PLANTS

Each Female Plant Detection Kit Contains Everything You Need to Detect the Sex of Ten Plants.

WORKS ON ALL PLANTS

- Just Starting or Full-Grown
- Outdoors or Indoors
- All Seasons

100% EFFECTIVE

SATISFACTION GUARANTEED OR YOUR MONEY BACK

RUSH ME

<input type="checkbox"/> 4 KITS \$19.95	<input type="checkbox"/> 8 KITS \$34.95
<input type="checkbox"/> 1 KIT \$7.95	<input type="checkbox"/> 20 KITS \$79.95
<input type="checkbox"/> 2 KITS \$13.95	<input type="checkbox"/> 100 KITS \$345.00

NAME
ADDRESS

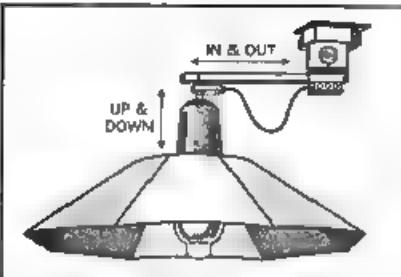
Diesel Botanical Research and Study Group
P.O. Box 7665 Stanford, CA 94305

NOW AVAILABLE IN EUROPE, TOO.

Ask for one at your local shop

SUN CIRCLETM SYSTEMS INTRODUCES THE 1LS

ONE LIGHT SYSTEM



- 360° lamp rotation — 3 R.P.M.
- Rotates one 400 or 1000 W. H.P.S. or M.H. lamp or two 175 W. lamps.
- Lamp adjustable — horizontally and vertically.
- Covers a growing area 4'x4' up to 9'x9'.
- 30% more efficient than track lighting.
- 2 year guarantee. \$139.95 Rotor Only

With a Sun Circle You Can Expect A lot of
EFFICIENCY - DURABILITY - GUARANTEED

Contact your local distributor or order factory direct. We stock a total line of growing systems for a FREE BROCHURE call or write to

SUN CIRCLE, INC.
824 L Street • Arcata, CA 95521
707-822-5777

NEW! TANDEM[®] series

now combines the power of
HALIDE and **SODIUM**
in **ONE LAMP!**

Tandem 4
with
 Flying M
Reflector



Switch
selectable ballast

MORE light
than a 1000w halide but with **LESS**
power **BETTER** spectrum!

*Don't be fooled by flimsy copies.
Ask for test results and then decide.
No assembly required.*

Tandem 4—400w MH/HPS \$319
Tandem 10—dual 1000w system \$525
Add \$59 for Flying M on Tandem 4 (included in Tandem 10)

Geotechnology

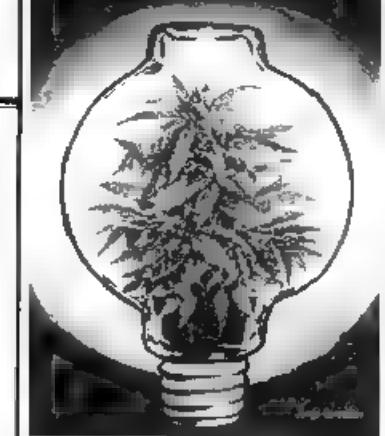
The high tech lighting company

303 Arden Ave. Ben Lomond, CA 95005
(408) 336-2321 CA, (800) 346-2321 USA

Ask for our free catalog
and we'll also send a list
of free technical literature

BEST!

Indoor Marijuana Horticulture



1 Bestseller!

Autographed by the author

The book all indoor growers must have. It is the most complete, authoritative, up-to-date book on indoor marijuana cultivation ever! This 288 page edition is profusely illustrated with over 250 photographs, drawings and graphs. Packed full of information on grow rooms, grow lights, electricity, container gardening, water for hydroponics, air CO₂ bugs, fung, cloning, harvesting, breeding, and a garden calendar index and glossary. \$24.95 + \$3 shipping = \$17.95

Interport, PO Box 02009, Portland, OR 97202

TOLL FREE 1-800-547-9755 Ex.16

1-800-826-6134 Ex.16 in Oregon

TRANS-HIGH QUOTATIONS MARKET

MAJOR MARKETS

Albuquerque, NM	The Red indoor African indica	oz	200
	...or the short		
	Thai indica, powerful as hell	oz	200
	Purple indica, paralyzing, serious rush	oz	240
	Skunk hybrids, donkey dick buds	oz	150-200
	Hydro Afghan, killer tastes like lemons	oz	300
	Plaquetas Afghan, bitchin' mountain dope	oz	200-400
	Basic Mexican, lime-green, no seeds	lb	700-900
	Dirt-brown Mexican seeds in stems	lb	500-800
	Black hash oil, "killer"	gm-vial	10
	Black hash, "awesome stuff"	gm	8-10
	Mushrooms freeze-dried, "crazy wall bounces"	gm	6-10
	LSD	one	5
	100	100-200	
	8-ball	200	
	Cocaine, "for basers and junkies, very good"		
Ann Arbor, MI	Sang Nam Special, stick-to-the-wall buds	1/4-oz	45
	Thai weed, "tasty"	1/4-oz	35
	Detroit homegrown, "tame shake"	1/4-oz	20
	Killer bud #1, known: orange, "red buds best this year"	1/4-oz	35
	Acid, Purple Micro-dot, "shii"	hit	3-4
Tampa, FL	Florida Kickass	oz	90
	Siene bud	lb	100
	Florida Skunk Buds, hydro-grown	oz	100-125
	California orange, hydro-grown, hard to get quantities	oz	125-200
	Skunk #1, "awesome"	1/4-oz	50-75
	India Skunk Buds, "real stoney"	1/4-lb	30-35
	Green kush or unknown origin, red hairs, speedy high"	1/4-lb	30
	Plain brown CBO	1/4-oz	25
	Blond hash, "cerebral buzz, come down fast"	1/4-lb	220
	Imported black hash, "mind-blowing"	gm	10
	Shrooms, "eat 'em fresh, trip for hours pick your own"	—	free
	Acid: Musical Note blotter	one	5
	Acid: Orange or Purple Microdot	one	5
	Cocaine "it's a fuckin' snow-storm never seen so much around"	gm	90
	8-ball	225	
	oz	975	

Send quotations to: THMQ, 211 E. 43rd St., New York, NY 10017. THMQ is intended solely for informational purposes. All entries should be typed or neatly written; if you are unable to compose a legible entry after testing your samples, please wait until you have control of your penmanship before sending us your information. Marijuana is listed by 1/4-ounce, ounce, 1/4-pound and pound prices only. Don't bother sending prices for hard drugs. Prices in this issue are current as of December 10th, 1987.

Attention Linda Burmese can we talk? Please call Espy LaCopa or Steve Hager at HIGH TIMES, (212) 972-8484

Toronto, Canada	Hjemegrown, "pretty sat"	lb	400
	Thai stick, mind-blowing	lb	2600
	Hydro bud, "a nice buzz"	oz	100
	Black hash, "Gold Seal, but fairly cut"	oz	220
	Black hash, "kinda mouldy but pure, excellent"	1/4-lb	750
	LSD: Grateful Dead from Buffalo	hit	5
	LSD: double-barrelled Purple Mics, "always around"	mix	4
Vancouver, B.C., Canada	Thai, "smooth, good high"	1/4-oz	45-50
	Rambo Cambo, "dry, seedy, all right stone, overpriced"	1/4-oz	50
	Imposter Skunk weed, "stinky, not like ours, HC we buyer beware"	1/4-oz	70
	Hydro Skunk #1, "beautiful, religious experience, 22% THC"	1/4-oz	75-80
	Indian Indian Kush, "rare, pricey, smells great"	oz	250
	Karma Bud, "supposedly from hospital, mind-blow, super rare"	oz	300
	Hash, black Lab rock, "good, long high"	gm	15
	Hash, black Lab rock, "good, long high"	1/4-oz	60
Winnipeg, Manitoba, Canada	All prices in Canadian dollars:		
	Thai, "heavy lumber buds"	1/4-oz	65
	Buddha Thai, "twinkledes herb in town"	oz	225
	Indoor-grown skunk, "pleasing good buy"	lb	2400
	Jamaican, dark, almost black, rare"	gm	15
	Afghan-black, "heaven"	oz	80
	Repress hash, "cap"	oz	300
	Mushrooms, "unlimed supply"	oz	150
	Weed oil, "has been cut"	gm	25
	Purple Microdot do 2 or more	340	3.50
	Amber Pyramid, "got a spare 36 hours?"	hit	200
		hit	7

AROUND THE U.S.

Annapolis, MD	Green pot with it in red hairs	oz	80
Columbus, OH	Green, "Special Cannabis indica, different grades, from smooth to choke"	oz	230
	Cannabis sativa, "some good purple multicolor around, very intense"	lb	90
	Mengs C. & M. "a few seeds"	oz	200
	Black hash, "resources Shatter"	oz	190
Coronado, CA	Cardam or Orange mimosissima, "sensimilla"	oz	380
	Durban Poison, "very psycho active high"	oz	250
	Skunk/Mex hybrid, "super potency" sensimilla very uplifting high"	1/4-lb	350
	Northern Lights #5, "polyplugged, "im-fucking credible known as Cryptic here"	oz	300
	M. xian commercial, "from dark brown to light green, quality varies as much as color"	1/4-lb	70
	Mushrooms, "liberty caps from Oregon and v good"	gm	6
Danbury, CT	Red Mexican sinse	oz	85
	Green Mexican sinse	1/4-oz	25
	Seedy Mexican indica, "big full buds, real tasty"	oz	100
	Jamaican sunse, "brown, sweet smelling"	oz	1200
	Brown dirt weed, "local ripoff special"	oz	25
	Local homegrown indica, "some good, some useless"	oz	80
	Black hash	oz	150
	Coke	1/4-oz	25
	Thai, "stone, ass weed"	1/4-oz	100
El Cajon, CA	Skunk Humboldt Co., "knocks your dick in the dirt"	1/4-oz	50-60
	Indica, "around only during harvest"	1/4-oz	45
	Red-haired sinse, "always around"	1/4-oz	25-30
	Homegrown, "green, airy birds"	1/4-oz	15-20
	Generic dirt weed, "bought only in desperate measures"	1/4-oz	10-15

Black Gold hash, gets you wasted	gm	10
Hawaiian Black hash, same as Black Gold, gets you fuckin wasted	gm	16
Shrooms "you try and for 5-6 hours	2-gams	10
Acid blotter	hit	4-5
Checkerboard "we got it all"		
Cocaine, usually excellent, flake depending on who you get it from	gm	90-100
Kansas City, MO		
Red-haired skunk pretty good	1/4-oz	25-35
Green Mex. good stuff	1/4-oz	100-1250
Jamaican, "old, but does the job"	1/4-oz	25-30
Thai, "not the best, but pretty good"	1/4-oz	100-1200
Hawaiian, "they say it's direct, appears to be native hybrid, real creeper, potent"	1/4-oz	25-30
Skunk, "good, but expensive"	1/4-oz	40-50
Black hash, "good"	gm	8-12
Shrooms	gm	180-250
Acid, mostly blower	hit	3-5
Green bud, fluffy smells like "herb, but you don't get very high"	1/4-oz	70-80
Green bud, dense, indica, very rare, great high	1/4-oz	70-80
Brown bud, good buzz, but it tastes brown	1/4-oz	60
Brown pot, most shake, yuk	1/4-oz	40
Homegrown, could be killer, great year for people I know	1/4-oz	30-70
LSD, Gobies	one	3
Fresh, clean, no trip	50	60
Street coke, not usually good	gm	80-200
Clean coke, barely cut	gm	120
Dark green skunk, very potent, best in years	1/4-oz	45
Green skunk, average	1/4-oz	35
LSD, Musical Note, not real clean	hit	20
Port Richey, FL		
Hydroponic California Orange "3-hit shit"	oz	200
Mexican Hash, scedy	oz	90
Brown commercial who cares	oz	80
Blotter acid	hit	5
Coke	gm	80
Red-haired Jamaican bud, scrape me off the wall	1/4-oz	35
Shrooms "good if you know the right folks"	gm	3-7
Blotters, Gobies, Blue Masters, Notes, Gold Stars, Blue Gels, Globes, "all good, clear fun"	hit	1-4
Cocaine, "lots of it, know people helps, rocks here and there"	gm	70-90
Richmond, VA		
The Bud, "eh, that high"	1/4-oz	55
Skunk, seedless, acre-buzz	1/4-oz	80
LSD, White on White, lysergic, generation's dream	hit	80
LSD, Pure Purple, "2 hits per drop rare, but in the eye is out bliss"	drop	4
Springfield, MO		
Ozark Skunk, "juicy fruit smell indica"	1/4-oz	35
William's Wonder indica	1/4-oz	120
400-dps	350	

Skunk #6, indica	1/4-oz	45
Indoor Hydro, "the best"	oz	160
Arkansas Bud, grown on the sacred Buffalo River very potent, more of a sativa high	1/4-lb	50L
Potter, the Cuban-sis, always the same	gm	5-6
LSD, Communist Pig, Piggy Widy, Piggy Pig, PIG, Bunt er, very Jean to very hairy	1/4-oz	35-40
Living Heights, MI		
Commercial Brown lawn	1/4-oz	35
Red Bud, "looks orange, good buzz"	1/4-oz	35-40
Homegrown, brown and green mixed, in and expanding buzz lasts for 20 hrs."	1/4-oz	40-45
Light green skunk, excellent pine smell, "it joint is all you need, we have"	1/4-oz	50-65
Black hash, good buzz	gm	8
Blond hash, expands mind, bodgling, body numbing	gm	8-10
Michigan's best Shrooms, "if you know the right people"	gm	2
LSD, Purple Data, "OK"	hit	2
LSD, Tweetybird, Sunshine blotter, clean, everything melts	one sheet	120
LSD, Star shape, "good buzz, too much speed for me"	one	2-4
Coke, 80%, "if you know the right people"	gm	90
Afghan, "complete narcotic body buzz, rare"	1/4-oz	175
Christmas Tree	1/4-oz	35-40
Skunk, "at buds make you really stupefied"	oz	40
Colombian hash, "always here"	1/4-oz	450
Mexican sativa, same ole brown ditchweed	1/4-oz	25
Psilocybe shrooms, freeze-dried	gm	70
Cocaine, 50%-60%, "big rocks"	gm	100-110
Thai Buds, "expensive, but go for it"	1/4-oz	1700-1800
Mexican import, good buds, cool high"	1/4-oz	65
Mexican green, mostly shake, cheap, reliable smoke	1/4-lb	50
California Buds, "lost in mail?"	1/4-oz	35
Nepalese Temple Bell, opium-hash, makes you float"	gm	25
Mushrooms, "fuck shit, give you bad breath"	oz	300
LSD, Gobies, "boring and overpriced"	hit	70
Red Stars, "Red Stars, mellow visuals"	hit	15
LSD, blotter, "real clean and fresh"	hit	2-50
Coke, "better average"	gm	90

IN THE BOONDOCKS

Bloomington Bureau IS	Purple Skunk, meaty, resinous, purple dick firmer	oz	100-160
	Afghan Skunk, "a superior hybrid killer"	1/4-oz	120

Afghan-Colombian, oz	110
"a fine product body buzz city"	
Skunk #1, "superb taste, awesome stone"	oz
Seedy homegrown, oz	40-100
Luca, "sister quality varies, thanks for the farm support, Ronnie"	oz
Hash oil, "2-hit tunnel vision"	gm
Chester, IL	
Scum, Hawaiian crossbreed wab skunk, very sticky, big reddish green bud, "impressive	1/4-oz
Rutland, VT	
<i>Indica</i> , "purple buds from the mountains, #1"	1/4-oz
Jamaican brick, "good as it burns quickly"	oz
Loose Tea, "he real stuff"	oz
Shrooms, "long awaited, you'll never go back to synthetic forms"	oz
Blotter acid, "Heads & Stars, lots of serving tips"	one sheet

TRANS-HIGH MARKET LETTERS



FLORIDA

I keep reading letters in THMA, and if the assholes would spend their bucks on hydroponic gear, they wou dn't cry anymore. I've been hydroponic for two years, and I ain't had nothing short of three-toke shit! Maybe you can hook me up with The Watcher in the Ring (Boca Raton, FL, November THMA). His voice has been heard Prince of Happiness Port Richey, Florida

I just recently moved to Florida, and am very upset with the mari uana scene here. People would rather spend the r hard-earned money on crack. Fuck that shit! It is actually easier to find a \$20 crack rock than a 1/4-ounce of good herb. People down here in Florida will kill for a \$20 rock. I don't know about the rest of you, but as far as I'm concerned, there is noth ng like com ng home from work, kicking back on the sofa, and pulling bong L B. (The Pound Man) Tampa, Florida

I thought it would be good to write a note for those people who w ll be Florida-bound in the spring. Be careful as to who you secure your drugs from. The cops down here actually deal drugs and then bust you for possession! I d dn't even think that was legal! They also have beach patrols that watch for drug users. There is a heaviness in my heart when I have to be careful smokin a joint on the beach. These are strange times we live in continued over

Need NEW ID? PRIVACY?



How to get new ID from government sources. State ID's, Birth Certificates, Drivers Licenses, new SSN, Passports, Diplomas, Degrees by mail. Get better jobs. Cover negative records. Solve fingerprint problems. Disappear. Start life over!

#1 \$15.95



Clear bad credit. End debts. Establish new credit. Receive all kinds of credit cards. Establish new credit. Clever credit maneuvers. All your "credit rights" and more!

#2 \$9.95

HOW TO BEAT THE BILL COLLECTOR. Sharpest rules of the credit game. #3 \$5.95

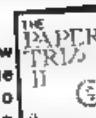
100 WAYS TO DISAPPEAR. Inspiration for privacy. #4 \$3.95

EDEN PRESS • 11623 Slater "E" • Box 8410-HT • Fountain Valley, CA 92728

Create your own privacy! Discover best low-profile methods. Financial privacy. Cash income opportunities. Banking alternatives. Secret hiding places. Avoid violence, surveillance. Hide your assets. Protect mail, telephone. Using other "names." Disguises. Codes. Hideouts. Deep cover. Multiple addresses, and more! #5 \$18.95



More on new Identity Legal name changes. How to disappear using legal changes. Adopt an alias. Laws on fake ID, "Take-over" ID. Codes used on drivers Licenses, SSN, military SPN. Avoid passport problems. Do-it-yourself ID. Sources of private-issue ID. Much more! #6 \$17.95



SPECIAL COMBINATION OFFERS

Books 1-4 \$29.95 All 6 Books \$49.95

Total of Order: \$
(Calif. residents add 6% sales tax)

Postage & Handling Fourth Class \$2.00
(Your choice) FIRST CLASS \$5.00

TOTAL: \$_____

SEND TO: Send current Book Catalog — FREE
Name _____

Address _____

City _____ State _____ Zip _____

T - H - I - M - A

continued from page 27

now. And "we the people" had better start lighting back before the weasels start closing in. HIGH TIMES is the only form of unity and communication we have, and there are a lot of us out here. So let's jump on the bandwagon and help them turn our country around. (Write your senators and representatives.) After years of reading HIGH TIMES, I decided this month that it was high time I joined NORML. As the smoke clears, I realize we must fight for our right to party.

But for now, it is late and I've been writing all night. So I'm going to load a massive hit of killer Christmas Tree Skunk Bud into "Big Red" (my three-chamber nine foot G graphics) and pull a serious bong. Then I'm going to put on some classic Pink Floyd and not worry about a thing until tomorrow. Peace forever.

The Bongmaster
Bradenton, Florida

P.S. Pink Floyd in concert is not just a show, it's an experience.

MASSACHUSETTS

Three words describe the scene in western Massachusetts this fall: dry, dry, dry! It's so bad that some strains of dirt weed are going for \$45-\$55 dollars a 1/4-ounce. Good quality smoke is so hard to find that when it is around, it's gone within the day. Looking for psychedelics? Don't bother. You won't find them. There are shrooms around, but only a select few have access to them. The only good news is that the police are starting to come down on the coke dealers and coke busts are a regular thing. Ban the coke, bring back the smoke! High y yours.

MORE Brother's Assoc
New England Chapter
Chicopee, Massachusetts

MARYLAND

Please, please, please try to get someone from your editing department to stop putting in things in the Trans High Market Quotations like in reference to acid (November '87 issue Hagerstown, Maryland "Clown, Checkerboard, White Blotter, a lot more since the Dead concert"). It's hard enough to tour around and see the boys without being hassled. We can't even put stickers on anymore for fear of being pulled over. My best friends in the world got busted on the way to Philly, and they're in lots of trouble! And they were checked out just for being Deadheads! We don't need this extra worry. Please, please, please help!

The Gweedo Brothers
Maryland

MICHIGAN

Yo dudes! If you all wanna hang and smoke some good doob, then we've got the time and place for you. Come on by the Diag in Ann Arbor on April 1st. When the clock bongs 12 noon, the U of Michigan "Hash Bash" will begin. Since

WHY BUY FROM US?

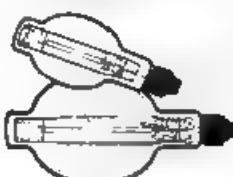
New Product Announcement

THE FLYING M® LIGHTING SYSTEMS

The Most Efficient Reflector Available*

THE FACTS SPEAK FOR THEMSELVES

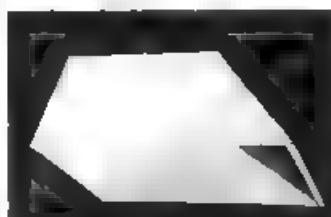
FACT 3 feet under a typical 4 foot round reflector hanging a metal halide lamp vertically, a GE light meter reads 1400 foot-candles. FACT With our standard HORIZONTAL REFLECTOR, that reading jumps to 2000 foot-candles — A 42% IMPROVEMENT. FACT With the NEW FLYING M REFLECTOR that reading improves to 2400 foot-candles: A 72% IMPROVEMENT. FACT All readings are EVEN HIGHER using the high pressure sodium lamp. FACT Horizontal reflectors take up LESS ROOM OVERHEAD. They can be MOUNTED IN CORNERS. They can be used for SIDE LIGHTING. FACT The Flying M is the most efficient reflector available, AND WE CAN PROVE IT. Ask for test results against other reflectors.



360w HP conversion lamp \$65
940w HP conversion lamp \$130

Geotechnology

The high tech lighting company
303 Arden Avenue
Ben Lomond CA 95005
12 years in business manufacturing horizontal lighting systems.



The Flying M Horizontal Reflector

PRICES

Standard 1000w FLYING M 400 watt

HALIDE SYSTEM	\$198	\$257	\$138
HP SODIUM	264	329	198
HP/MH 400w combo	—	378	319
HP/MH 1000w combo	—	525	—

PRODUCTS • HID LAMPS • CO₂ SYSTEMS • NUTRIENTS
• LIGHT MOVERS • NEGATIVE ION GENERATORS
• ROCKWOOL • BOOKS
• HYDROPONICS • FREE TECHNICAL INFORMATION

Make EFFICIENT USE of all that power you are using. BUY the Standard or the FLYING M HORIZONTAL LIGHTING SYSTEM. You CAN'T LOSE with our MONEY BACK guarantee.



TOLL FREE Outside of California (800) 346-2321

Within California call (408) 336-2321



Write NOW for a FREE catalog and we will include a list of FREE TECHNICAL PUBLICATIONS.

©1988

possession in this town is only \$5, what have you got to lose? And while you're at it, bring some good old The shit 'round here sucks!
The Stoned Boys of Apt. 13
 Ann Arbor, Michigan

P.S. A Heritage of Leadership

NEW YORK

Where the hell is the exotic weed? Certainly not in southern Westchester County! All we can get is commercial for \$50 a 1/4-ounce. It's okay, but we dearly miss Thai sticks and Indica. Heads here prefer Nature's gifts over the synthetics. LSD is not much of a factor, but 'shrooms are quite popular. Most dealers now carry them and the quality is consistent. Coke is everywhere! Great for those occasional all-night parties and the prices are way down like those for gasoline in early 1986. What was \$350 and 8-ball last year is now only \$125-\$150. Still, grossly overpriced! There is a dramatic dropoff in that as nine flirtation with smoking cocaine—thank God. Fewer are even snorting it, preferring instead to—how shall I say it—put some real meaning in that ego "original formula" that is on the sides of cans and bottles of Coca-Cola. Infinitely safer and better in every way imaginable (No coke craving and the high is twice as long.) Some cow-lives push crack—they ought to be wacked—it appears to be dying out, at least among those with any real intelligence! Cops' activities seem to hurt marijuana a lot more than refined cocaine. Just another example of how the mindless inhabitants of the White House, Ron and Nancy, are unwittingly promoting the substances with a much higher potential for abuse—refined cocaine over marijuana—let alone coca leaf (okay, all you heads who have actually ever seen a coca leaf, not to mention chewed 'em, raise your hands.) Government and its Miami Vice type assholes have got to be stopped. HIGH TIMES ought to organize a boycott of that ridiculous TV show. To those entrepreneurs out there: Please bring us those wonderful exotic, green plants that get us high. Green money awaits!

Jolly Green

Westchester County, (just north of the Bronx)
 New York

NORTH CAROLINA

What's up? I just wanted to let you know that here in Raleigh, the Blue Meanies (mushrooms) have arrived. A quote from a friend: "You get off totally." They're going for \$30 a 1/4-ounce or \$105 an ounce. As of 11/17/87. Thanks for good entertainment.

Cosmic Phil

Raleigh, North Carolina

TEXAS

Just thought you'd like to know a bit about south Texas. Even with Ronnie's "crackdown," coke and smoke have been plenty around here. Even the prices have remained stable. We pay from \$350 for brown-green commercial Mexican to \$450 for the best. Except for two summers ago, there has always been smoke around \$40-\$50 an ounce (for the best smoke). \$90-\$125 for a

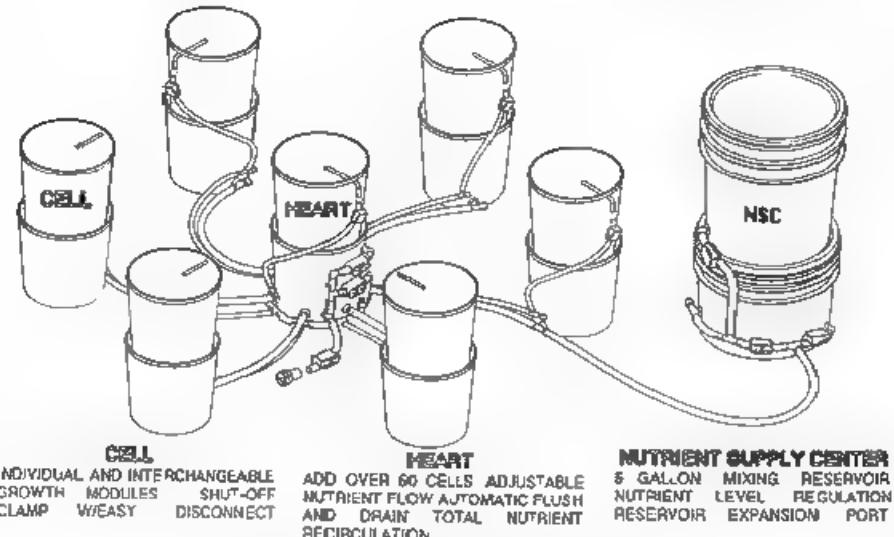
continued over

LIVING SYSTEM™

By
LIGHT MANUFACTURING COMPANY
 1634 S.E. Brooklyn
 Portland, OR 97202

30 DAY MONEY BACK
 GUARANTEE

CALL NOW
 (503) 231-1582
 FOR FREE CATALOG



*"THIS HYDROPONIC UNIT IS ONE OF THE MOST VERSITILE
 AND PRODUCTIVE ON THE MARKET" -- JORGE CERVANTES*

WORM'S WAY

ORGANIC

Indoor/outdoor
 garden supply

AUTHORIZED APPLIED HYDROPOONICS PRODUCTS DEALER

- Hydrolite™ Halide Systems
- High Pressure Sodium Systems
- Sun Circle™ — Light Track™
- Hydrofarm™ Systems
- High Efficiency CO₂ Injectors
- HPS Conversion Lamps
- Scientific Grade Meters
- Negative Ion Generators
- Worm Castings — Bat Guano
- Supertea™ — Budswell™
- Peruvian Seabird Guano — Gro Bags
- Timers — Exhaust Fans — Mylar
- Eco-Grow™ — DynaGrow™
- Organic Pest Controls
- Waterchain™ Drip Irrigation
- Agrosoak™ root watering crystals

Complete Selection of **GRODAN** Rockwool & Necessities

Now Offering Full Service Mail Order
 Free Catalog On Request

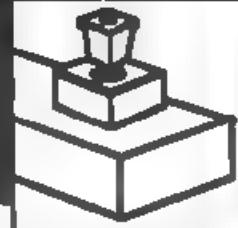


3RD ANNIVERSARY

NORTH:
Indiana
SOUTH:
Florida

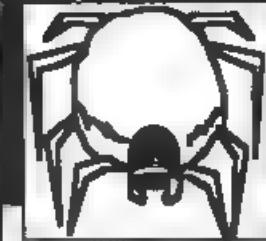
4620 South State Road 446
 Bloomington, Indiana 47401
 (812) 837-9901

5311 56th Commerce Park Blvd.
 Tampa, Florida 33610
 (813) 621-1792



ROCK WOOL

Rockwool is the growing medium of the future. Imagine a sterile medium, providing optimum air to water ratio. So unique, new nutrients actually displace the old residuals out the base.



PREDATOR MITES

When it comes to pest controls, we wrote the book! We've turned our experience with natural pest controls into problem-solving products for you. When you have a pest problem, give us a call.



INDOOR GARDEN SUPPLY

NORTH STORE

108 N. BARRINGTON
STREAMWOOD, IL
60107

(312) 289-4545

SOUTH STORE

599 WILLIAMS ST.
THORNTON, IL.
(312) 877-1616

ALTERNATIVE

Garden Supply Inc.

The Predator Mite People

Call for a free brochure

(800) 444-BUDS
(2837)

CHICAGO

INDOOR GARDEN SUPPLY

Mon-Fri 9:00 am-5:00 pm

See pages 8, 9 & 13 for a list of some
of our HYDROFARM products

When it's more than a hobby...

SUPER BUDDY

UNLIMITED EXPANSION

From a single reservoir

PORTABLE

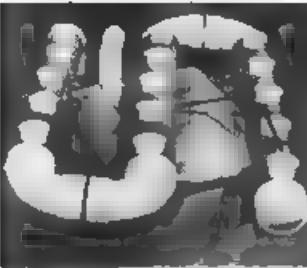
ANY CONFIGURATION - EXPANDABLE RESERVOIR

98 adult plant minimum in an 8'x8' area

60 gallons and up

PATENT PENDING

GOOD BUDDY MODULAR



MAIL ORDER
HIGHER YIELD 712 Wilshire Blvd. Suite 12
Santa Monica, CA 90401 (213) 394-6777

AUTHORIZED HIGHER YIELD DEALERS

31" x 47" x 18" high

15 to 25 adult plants
- guaranteed

15 gallon or larger
reservoir

A.H. LOS ANGELES 4527 San Fernando Rd
Glendale, CA (818) 243-0068

A.H. SAN DIEGO 127 University Avenue
San Diego, CA (619) 296-1779

ROCKY MTN LIGHTING & HYDROPOONICS
7100 North Broadway, Suite 5-S
Denver, CO (303) 428-5020

CALL YOUR SPECIAL FRIENDS AT **HIGHER YIELD** FOR ALL YOUR GROWING NEEDS!
REQUEST YOUR FREE BOOKLET - GUIDE TO HYDROPOONIC SYSTEMS

T - H - M - A

continued from previous page

1/2-pound. We might not have Hawaiian or Thai or other exotics, but we have cheap, kickass Mexican Skunk is finally coming in large amounts from Mexico. Well, wish ya'll the best from Mission, Texas. By the way, the only local store in McAllen, Texas that sells HIGH TIMES gets only 12 copies, and those are sold out in two days. What's the deal?

P.E. "Scum Dog"
Mission, Texas

ALASKA

Here I sit at 6:30 in the morning, smoking my second hooter of the night, feeling wonderfully high. After living in Oregon for 19 years, three of those growing, I decided to trek up to Alaska to actually see what it was like where the ganja is supposedly legal. Well, let me tell ya, Alaska is fucking awesome! They produce buds that grow hair on your chest, a most. All herb is grown indoors most cultivators residing in the Mat-Su Valley (Wasilla, Palmer). Some growing is done in Anchorage, but with three- and four-bedroom trailers renting for a measly \$300 to \$400 a month in the Mat-Su area, you can't beat living out in the boondocks: no neighbors for miles, the pit bulls can run free and wild, you can jam on your three-wheelers and snow machines. Life couldn't be better!

Now about the buds. We grow the Rasta Indicas are dominant—Matanuska Thunderfuck being legendary. Herb is always available and almost all of it is kickass weed. Prices are kinda high for a place where it's legal: 1/8-ounce for \$35, 1/4-ounce for \$70-\$75; 1/4-pounds for \$675-\$750! Outrageous huh? Coming from Oregon, where it's practically free, I was amazed. Oh well, me and my buddy grow our own, and then some. We plan on harvesting three or four pounds in about a month, using various skunk, big-bud, third-generation sativas started from seeds collected in Oregon. While in Alaska, we have collected some exciting strains: Hawaiian, Thunderbud, Northern Lights x Skunk #1, Humboldt City Skunk (the largest, fattest leaves you'll see).

We grow under two 1000-watt, horizontal MHs plus one sodium in the flowering room; we have a horizontal 400-watt MH on the clone mothers. We're getting more sodiums soon. Horizontal is the only way to grow. Everybody hanging vertically is in the dark ages.

Well, time to crash, but everybody should check out the scene in Alaska. All you pussies in the states should come up to the real wilderness: killer buds, strip bars, blizzards, coke, acid—we got it all!

J.S. Buds, Inc.
Mat-Su Valley, Alaska

P.S. There is only one grow store in the entire state, and it's in Wasilla. None in Anchorage. We need more!! Thank God it carries HIGH TIMES and Sinsemilla Tips, the two finest mags in the world. ■



△
Welcome to Budimal Farm, the top-secret hydroponic laboratory where Dr. Indoors conducts growing experiments for **HIGH TIMES**. As you can see, the Budimals at the farm are healthy and happy. Your plants could be the same — if only their caretaker was a regular reader of **HIGH TIMES**, the magazine written and edited by the world's leading cannabis authorities. So what are you waiting for? Subscribe to **HIGH TIMES**.

UNITED STATES

1 YEAR \$29.95
 2 YEARS \$54.95

CANADA & FOREIGN

1 YEAR \$37.45
 2 YEARS \$68.95

HIGH TIMES

SUBSCRIPTIONS

P.O. BOX 410
MT. MORRIS, IL 61054

NAME _____

ADDRESS _____

CITY _____

STATE _____

ZIP _____

Save 42% off newsstand price (2-year subscription rate).

ENCLOSE PAYMENT (CHECK OR MONEY ORDER)

NOTHING TO HIDE?!



CODE	Product	Quantity	Price	Cost
LT	High Times Lighter		x \$3.95 = \$	
BD	High Times Binder		x \$9.95 = \$	
BC	High Times Hat		x \$4.95 = \$	
HTFF	High Times Flippy Flyer		x \$3.95 = \$	
TB	High Times Tote Bag		x \$7.95 = \$	
WT	High Times Wallet		x \$4.95 = \$	
			Total	\$
			Postage & Handling	\$ 1.95
			N.Y. Residents Add Sales Tax	\$

Make check or money order payable to HIGH TIMES. Mail to:
HIGH TIMES Products, P.O. Box 1648, Grand Central Sta., New York, NY 10017. Please allow six to eight weeks for processing and delivery.

Name _____

Address _____

City _____

State _____

Zip _____

THE POLITICS OF MARIJUANA: 1988

by Peter Gorman



In light of some of the more serious issues we face these days—nuclear arms build up, the mid-East crisis, AIDS, famine in Africa, apartheid, and the stock market crash, not to mention the fervor with which we're destroying our environment—the marijuana issue is pretty tame stuff. And since marijuana arrests dropped in 1986, while other drug arrests increased, there isn't much fervor for change.

But this being a presidential election year and the end of the Reagan administration, there ought to be some thought given to the marijuana legalization movement. After all, by government admission there are 30 million regular pot smokers out there; marijuana is the nation's leading cash crop and tens of millions of people each year since 1985 have been subjected to the very insidious practice of urine testing.



Rep. Richard A. Gephardt



Gov. Pete DuPont

They call this a choice?

HIGH TIMES called the major candidates for their views on the marijuana issue. Needless to say, no one supports decriminalization for personal-use growers. The most extreme position is represented by Gov. Pete DuPont (R), who supports random drug testing for all high school students. The most liberal stance, however, is offered by Rep. Richard A. Gephardt (D), who favors legal marijuana for medical use only. Gephardt believes we should drug test those individuals holding jobs involving public safety.



Jon Gettman

That last one really throws me. How the practice of investigating personal waste ever got accepted in a country which prides itself on individual rights is beyond comprehension. The only thing I can think of is that the world is in such a shambles that any time somebody tells us they've got a solution, we leap first and ask what the problem was later. It's a time of insecurity and lots of people are looking for blankets.

When Reagan announced that two million government employees were going to be urine-tested for the presence of drugs, he put the imprimatur on private-sector testing. And if there was a little personal-privacy invasion which went with it, well, hell, only drug users would complain. Let's not quibble about the Constitution. The theory was that by creating a climate of fear—fear of the positive test which could potentially ruin a career—the drug users would be forced to stop whatever they were doing and the drug problem would go away. In practice, smokers—having gotten used to the idea of living with fines in most states for simple possession—found themselves outcasts again, the hard fought

victories of the '70s wiped out by a countermovement in the '80s.

So marijuana and the personal-privacy issues damned well ought to be brought into the debate in the upcoming elections. But they won't be unless somebody sees to it that they are. "I could probably go up to Capital Hill right now and talk to the aides for all hundred Senators," says Jon Gettman, national director of the National Organization for the Reform of Marijuana Laws (NORML), "and probably get a lot of them to agree with me [about the legalization of marijuana]. But they're not going to go out and pass bills until there's public support. Politicians don't lead, they follow." And while Gettman doesn't see marijuana reform eclipsing the major topics of debate this year, he does see change on the horizon. "I don't see any problem in making this an issue in the next few years. I have between 30 and 50 million regular smokers out there who don't want to be criminals." NORML is one of the few organizations trying to educate people to the political realities of the marijuana controversy. Unfortunately most smokers know little about the organization.

BRIEF HISTORY

NORML has been fighting to legalize marijuana since 1971 when a young lawyer, Keith Stroup (rhymes with cop), fresh from working with Ralph Nader's National Commission for Products Safety, received a \$5,000 grant from Hugh Hefner's Playboy Foundation to get his project off the ground. At that time Hefner had never smoked but was intensely interested in anything which related to the issue of personal privacy and the rights of the individual.

Armed with Playboy's money, his own persona and the connections he'd made while working with Nader's group, Stroup and his followers began lobbying for marijuana reform. The time was ripe for it: marijuana had long since spilt out of the ghettos and underground and was being used or at least tried by huge segments of the general population. Other lobbying groups: Amorphia and LeMar in California, Blossom in Washington State, among others, were moving toward state-law revisions. Stroup saw NORML making a national change. He pointed out the system's inequities—that what might get you a suspended sentence in Oregon could get you 40 years in Texas, and often did—demanded to be heard at Congressional hearings and caught the spotlights. He was charismatic and politically savvy. By the end of the first year of NORML, Playboy upped its ante to \$100,000 yearly and Stroup was becoming nationally known.

In 1972 Nixon's hand-picked National Commission on Marijuana and Drug Abuse released its findings. It was the most exhaustive study of marijuana ever conducted in the United States, and the commissioners included two U.S. senators, two U.S. representatives, a Republican governor, and various public-health officials, scientists, and law-enforcement officials. Here is what they discovered:

"There is no evidence that experimental or intermittent use of marihuana (sic) causes physical or psychological harm. The risk lies instead in the heavy long-term use of the drug, particularly of the most potent preparations."

"Marihuana does not lead to physical dependency. No tortuous withdrawal symptoms follow the sudden cessation of chronic, heavy use. Some evidence indicates that heavy long-term users may develop a psychological dependence on the drug."

"The immediate effects of marihuana intoxication on the individual's organs or bodily functions are transient and have little or no permanent effect. However, there is a definite loss of some psychomotor control and a temporary impairment of time and space perceptions."

"No brain damage has been documented relating to marihuana use, in contrast with the well-established

damage of chronic alcoholism

"A careful search of literature and testimony by health officials has not revealed a single human fatality in the United States proven to have resulted solely from the use of marihuana."

Within a year Oregon became the first state to decriminalize the possession of less than an ounce of marijuana. The following five years were an exciting time for reformers. In the summer of 1975 five more states officially decriminalized and even in those which didn't, harsh jail sentences were reduced. The political game was growing heady. Tom Forcade, yippie turned publisher, founded this magazine and began contributing to **NORML**. Stuart Mott, heir to the Mott fortune, became a contributor; Bill Buckley wrote columns and spoke on television calling for marijuana reform as a way to get smokers involved in the political system. New York's Ed Koch submitted a bill for the decriminalization of marijuana in that state and Governor Jimmy Carter promised to call for national decriminalization if elected. And in the center of it all was Stroup, the outlaw lobbyist, making the scene, providing information and assistance to his acquaintances in Congress, learning the system, manipulating the media, providing headlines.

But Stroup was beginning to believe in himself a little too uncritically. He once spoke on television as pro-cocaine; and when a plan to have Chip Carter testify in New Mexico for marijuana reform went awry—Carter had evidently agreed but had later been told that that was not something a President's son did—Stroup took it not only as a lobbying loss but as a personal affront and leaked the story to the press. Further, he indicated that members of Carter's personal staff were smoking dope and perhaps the police might make a few arrests over at 1600 Pennsylvania Avenue. Which made him a hero in some circles but effectively cut any ties he might have had with the White House.

By 1978 decriminalization bills had passed in eleven states. **NORML** and the other pro-marijuana groups had essentially decriminalized possession of small amounts of marijuana in the United States; there were still states which could hold you for short periods of time for possession of an ounce in county jails, but no one was being sent to state or federal penitentiaries for simple possession anymore, and few were holding people more than 30 days. Which, while it wasn't legalization, was far better than it had been eight years earlier. It appeared that those states which had reduced or eliminated jail terms were only a step away from decriminalizing altogether, and those which had decriminalized were headed toward legalization.

And then, in December of '77, at

NORML's annual party, he died in a Washington, D.C., townhouse that year and attended by such luminaries as Christie Hefner, Robert Kennedy's son David, Hunter Thompson and President Carter's senior drug advisor Peter Bourne, the beginning of the end fell into place. In an upstairs room reserved for very special guests—which included several reporters, all of whom were sworn to secrecy—Stroup and Bourne rolled up a dollar bill and snorted cocaine. The act represented something of a truce between the two men whose relationship had become strained over the paraquat issue, and it would prove the downfall of both.

When Bourne was later caught, in '78 in a scandal for writing phony Quaalude prescriptions for a friend, Stroup took the opportunity to add fuel to the scandal by leaking—so the story goes—the cocaine bit to Jack Anderson of *The Washington Post*. It was a chance for Stroup to retaliate for what he saw as Bourne and Carter's backpeddling on marijuana reform. The childish action was a mistake. Bourne was a ready finished but **NORML** was seen as out of its political depth and Stroup as out-of-control. The lobbying group was effectively damaged and the pendulum began to swing in favor of those who had warned from the beginning that marijuana led to further drug abuses. The stage was set for a hard-liner like Reagan.



Keith Stroup

NORML AFTER STROUP

During the following five years **NORML** went through a period of difficult adjustment, partly caused by the public's change in attitude toward drugs—with Reagan's people calling for more arrests, dope smokers went back into the closet—but much of it caused by Stroup's departure. **NORML** was crippled by Keith's departure. We had to learn to get along without him. No

organization runs on one person's drive, ambition, charisma, and talent."

Stroup had been a prolific fundraiser and many of his contributors found other worthy causes for their money when he left. Much of the time between '79 and '82 was spent simply trying to find new sources of revenue. During those first three years without Stroup, **NORML**'s budget fell from \$500,000 annually to just over \$100,000. The organization had three different National Directors during those years, a period when, according to Gettman, **NORML** was "in the toilet."

During the fifth administration, under George Farnum, who had been one of Stroup's aides, **NORML** began to turn the corner. Farnum increased revenues for the first time since Stroup's resignation, lending stability to the floundering organization.

The man who replaced Farnum, Kevin Zeese, ran the organization for four years. A defense attorney—and still **NORML**'s legal counsel—Zeese was a key player in the California Against Marijuana Planting (CAMP) suits, he continued the medical marijuana suits, was involved in the end of the paraquat issues, and challenged the military's right to urine test all personnel. Although the last suit lost, it brought public awareness to the issue, and forced the military to tighten up its testing policies. Under Zeese, the **NORMLIZER** columns in **HIGH TIMES** started and the idea for **NORML**'s marijuana magazine, *Common Sense for America*, was hatched. **NORML** was evolving from a lobby to an educational organization.

A VISIT TO THE NORML OFFICE

I wanted to meet the guys currently running **NORML**, to see what they were up to, and check the state of the reform movement. So in mid-December I made my way to their office in Washington, D.C. Enroute I got a little apprehensive, afraid they might be burnouts living the good life at the expense of indoor growers. It wasn't so.

I was met at the office door by a clear-eyed, clean-cut 25-year-old who looked like he'd be more at home in a church meeting than working in the bowels of a pro-drug battle. He introduced himself as Doug McVay, **NORML**'s newest staff member, and took me on a tour of the office: five cramped rooms filled with erector set bookcases and file cabinets, all crammed with medical journals, government reports, and legal compendiums. The closest thing to an amenity was an old Mr. Coffee machine.

Being the new man meant being the first one in. Jeff Edwards and Jon Gettman would arrive later. McVay poured coffee and told me how he managed to hook up with **NORML**.

"That's complicated," he laughed. Seems he'd worked for **NORML** as a volunteer in college, then gone out to work with the Oregon Marijuana Initiative (OMI), met Jon while with them, and when an opening cropped up with the National **NORML**, he moved to Washington.

The phone interrupted us, a street minister had been busted with a joint and needed legal advice. McVay gave him the name of one of **NORML**'s lawyers and wished him luck.

"You say the guy got caught for a joint?" I said. "Nobody hassles anybody for a joint anymore."

"You would be surprised, Mr. Gorman. We get it all the time."

The phone rang again, this time it was an Ohio radio station asking Gettman to do a short interview at noon. Doug said he'd see what he could do.

Just then the office door flew open and a thin, blond-haired, slightly frantic 30-year-old came in, smoking a cigarette. I thought it might be Gettman. He came over and shook my hand.

"Peter Gorman, right? Jeff Edwards, **NORML**'s business manager. Glad to meet you." He spoke quickly, while McVay was quiet and articulate. Edwards had the style of a front man. "Listen, I've got to prepare a package for Senator Alan Cranston's office and get it right over to his staff. Anything you want, just ask."

And then he disappeared into an office. I poured another cup of coffee while McVay took more calls. There were requests for medical and legal advice, for general information, for information on how to volunteer for **NORML**. The phone probably rang 20 times the first hour I was there, and McVay was so smooth that no one on the other end could possibly have guessed how minimally-staffed, overcrowded, and generally chaotic the office really was.

When Gettman finally did arrive there was no mistaking him—he was rugged-looking, wore a jacket and tie with jeans, and had an air of absolute confidence. He had brown hair and the dispassionate eyes of someone who knows exactly how far he wants to go, and how much effort he's going to need to get there. He muttered something about the traffic, sized me up from the doorway, then entered the room.

"Jon Gettman. How are you? Grab an ashtray and come into my office where we can talk."

I followed him into his office, a low-ceilinged room crowded with two desks and an easy chair, more bookcases and two computer terminals. Between answering morning messages he told me the story of his first connection with **NORML**. It seems he'd been working at a paraphernalia store when Stroup's cocaine brouhaha broke. In the aftermath of that incident, he sent Stroup the store's fanciest inlaid coke straw with a note. "Keith. Next time you

get caught in a scandal of national proportions, do it with style."

"Later, when we met, Keith thanked me for it. He said it was one of the few bright spots of an otherwise dismal month."

It wasn't until a few years later that he became a **NORML** volunteer. He was attending college at the time. "Well, I had time on my hands and I felt that having sold rolling papers and pipes for eight years at the head shop, it was time I started doing something for the smokers rather than just making money off them."

From volunteer he became bookkeeper, then business manager, then assistant director under Kevin Zeece, and finally, when Zeece gave up the post, national director.

His story was interrupted by a call from Channel 9 in New York. The station wanted to know if Gettman or a pro-marijuana lawyer would be willing to appear as a guest on the *The Morton Downey Show*. Gettman told them to call back. "I'm not sure about the Downey show. He always tries to get his guests into a shouting match. That may not be the right image for us."

Since Gettman arrived at **NORML**, membership has grown each quarter, the magazine he and Zeece cooked up, *Common Sense for America*, has become a reality; and his plan to turn **NORML** into an educational organization rather than a political action or lobbying group has taken effect. "What we've gotta do is fight the ignorance and hysteria surrounding marijuana, and to do that we've got to educate," he said. I assured him I was essentially on the same side of the argument.

"The thing is this: the public didn't care about the marijuana issue when Reagan became president. When he leaves they're going to care about it a great deal. His advisors are saying 'more and more arrests!' and two weeks later they're saying, 'Oh, Ginsburg used it but that was just a youthful indiscretion.' A lot of Reagan's policies have been discredited."

Just before lunch, Gettman did the radio show. He was clear on his positions, intelligent, and to the point. Listening to him talk about marijuana reform it was difficult to imagine that it's still a controversial issue.

"Well it is," he said when I remarked on it. "Rational argument never results in societal change. Politicians don't lead, they follow. If I can demonstrate widespread support for marijuana reform, it'll happen. The system will take care of itself. So that's my first order of business. Rally the troops. We've got to fight for our rights."

When I left the offices late in the day, I was impressed. It's a lot of work for three guys to try to handle. But more than just **NORML**, I was impressed with the issue. Living in a decrim state, it's easy to forget. Until I think about urine-

testing and invasion of privacy, and the fact that growing pot in almost every state in the union is a Class A felony punishable by a forfeiture of property and life imprisonment. Not many people spend their lives in jail for pot anymore, but they can. And lots of people who aren't going to jail are losing their jobs or not getting jobs, or living with a little more fear than they ought to live with.

The Reagan administration has gone all out to bring back the 'Killer Weed' mentality that Anslinger created when he sought—and succeeded—in making marijuana illegal in 1937. Our hard-fought victories of the '60s and '70s are terribly undermined by the big brother urine-testing of the '80s. As unfathomable as it might seem, there were 361,000 marijuana arrests last year.

There are stirrings which indicate a new wave of reform could begin. In Oregon, OMI is collecting signatures to get on the ballot. There's a possibility marijuana could be legal there by 1989. In Arkansas they're in the same boat, while in Idaho, Minnesota, and Michigan they're getting close to being given ballot space. When one state fails, others will follow.

But don't wait for the politicians to do something, because they won't. *HIGH TIMES* called every major candidate, and not one had a clear-cut, intelligent policy or program to deal with the marijuana issue. The politicians will continue to side-step this issue for as long as possible. Our only alternative is to organize and do it ourselves. ●

THE OMI INITIATIVE
The OMI Initiative calls for the complete legalization of up to 3 plants and $\frac{1}{4}$ lb of dried marijuana. Possession of more than 3 plants would remain a Class A felony, punishable by forfeiture of property and life imprisonment.

Each individual who wants to grow or possess marijuana in Oregon—limited to individuals 21 and over—would apply for a permit. Applications would be made at the Department of Health at a cost of \$50.00 per year and would be anonymous. Monies collected would go toward establishing Drug Rehabilitation Centers and Drug Education Programs in the state. Potential revenue for these programs during the first years would reach 5 to 15 million dollars.

The OMI needs support. For financial donations or information contact:

OMI
2535 S.E. Belmont
Portland, Oregon 97214

or
OMI
P.O. Box 3698
Portland, Oregon 97207
or call (503) 239-5134



Is a hard rain gonna fall? Does this man need a weatherman to know which way the wind blows?

Story by John Holmstrom

Photos by Andre Grossmann

NO PROBLEM?

No Problem is the unofficial motto of Negril, Jamaica. No Problem is the answer to all problems. Nothing is a problem when you come to Negril. Everything is laid out for visitors to have a hassle-free, fun vacation. Anything goes. Want ganja? No Problem. A woman? No Problem. Want to get totally spaced out, take off your clothes, rub coconut oil all over your body, and babble about the mysteries of the universe? No Problem.

However, No Problem is no solution for the two big problems plaguing the village—cocaine, and U.S. helicopter firebombings of local ganja fields. Although the political clí-

mate is not volatile enough to call Jamaica the next Haiti, it's hard to think of many ways to screw things up any worse.

Negril's two bummer can be traced to its lifeblood—tourism, and its deserved rep as the Alternative Tourism haven of the western hemisphere. After its discovery by hippies in the early '70s, the small, peaceful fishing village of Negril was quickly transformed into Sex 'n' Drugs 'n' Reggae Music Central. The '60s-style stoned-out hippies, with their reverence for nature and pot, were followed a few years later by their '70s-style stoned-out equivalents. That introduced the disco lifestyle to the area,

which brought down cocaine, gangsters, smugglers, and, last but least, yuppies. Negril had become The Hippest Place In The World To Get High.

By the 1980s, Reagan's War On Drugs had made Negril a prime target. When the U.S. helicopters arrived and began their raids on Jamaican pot fields, they took special aim at Party Central. At the same time the cocaine trade was increased for the demanding visitors to get their thrills. As the '80s come to an end, what was originally a haven for pot smokers and hippies is full of cokeheads and yuppies.



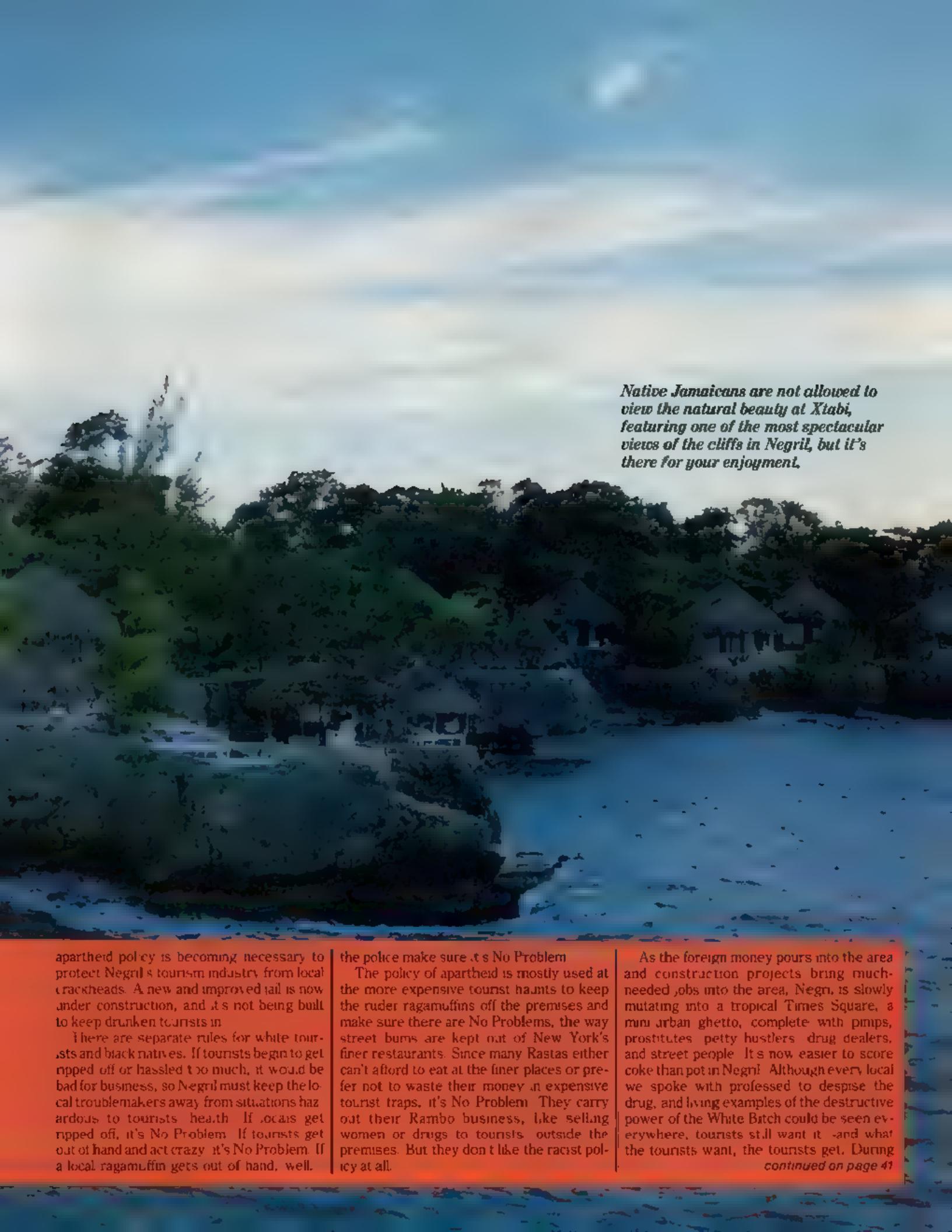
Perhaps Negril's problems date back to when the resort area Hedonism II was built. Thousands of wild and crazy tourists looking for a real blast could come to Jamaica and get their uninhibited thrills as easy as they could buy a fast-food burger. Package tours give thrill-seeking, budget minded young professionals all the alcohol beverage they can consume and all the Jamaican beach they can handle for a modest sum. For the predominantly white tourists, safety and peace of mind native islanders are kept off the premises. Hedonism pioneered this policy of tourist apartheid, which has spread

throughout the resort area.

Most of the natives view the unwritten law as No Problem. In fact, they're amused by the stories that come out of Hedonism, their local zoo (like the one about the mirrored bedrooms under construction there). Since the hordes of tourists have brought down lots of cash, Jamaicans view them as their ticket to the good life. As one islander put it, "If I owned a restaurant or a resort, I would certainly want to be able to say who was or wasn't allowed on my property." When I then asked how many of these local businesses catering to tourists are owned

by foreigners, she ironically answered, "About 90 percent."

It's impossible to say that the local cocaine problem is directly related to the oppressive local rules and regulations that restrict the islanders' freedom. For whatever reasons, the real drug problem—cocaine—is getting worse and worse. Where a few years ago some of the local Rastas were experimenting with coke, our recent visit saw many of the same guys who had No Problem a few years ago now destitute in jail, or dead. With the emergence of a serious drug problem, the strictly-enforced



Native Jamaicans are not allowed to view the natural beauty at Xtabi, featuring one of the most spectacular views of the cliffs in Negril, but it's there for your enjoyment.

apartheid policy is becoming necessary to protect Negril's tourism industry from local crackheads. A new and improved jail is now under construction, and it's not being built to keep drunken tourists in.

There are separate rules for white tourists and black natives. If tourists begin to get ripped off or hassled too much, it would be bad for business, so Negril must keep the local troublemakers away from situations hazardous to tourists' health. If locals get ripped off, it's No Problem. If tourists get out of hand and act crazy, it's No Problem. If a local ragamuffin gets out of hand, well,

the police make sure it's No Problem.

The policy of apartheid is mostly used at the more expensive tourist haunts to keep the ruder ragamuffins off the premises and make sure there are No Problems, the way street bums are kept out of New York's finer restaurants. Since many Rastas either can't afford to eat at the finer places or prefer not to waste their money in expensive tourist traps, it's No Problem. They carry out their Rambo business, like selling women or drugs to tourists outside the premises. But they don't like the racist policy at all.

As the foreign money pours into the area and construction projects bring much-needed jobs into the area, Negril is slowly mutating into a tropical Times Square, a mini urban ghetto, complete with pimps, prostitutes, petty hustlers, drug dealers, and street people. It's now easier to score coke than pot in Negril. Although every local we spoke with professed to despise the drug, and living examples of the destructive power of the White Bitch could be seen everywhere, tourists still want it—and what the tourists want, the tourists get. During

continued on page 41



Above: Everyone knows Maurice Lynch as Red, the first man to grow his hair into dreads and bring Rastafarian culture to Negril. At right: Red has fourteen children and fourteen wives. Here, he poses with the members of his immediate family that live with him.

Maurice "Red" Lynch, the first Rastafarian in Negril:

"I used to be a professional dancer. I used to live in Kingston for years, and did a lot of dancing on the stage. I knew Bob Marley back then when he was a young singer. I used to win a lot of first prizes for rock'n'roll music. I didn't like Jamaican music. It was more like the rhumba, and the younger people didn't like that. So when the rock'n'roll came, oh man! It hit Jamaica! The jammin'

and movin'—you know.

"I traveled in the States a couple times. I did three or four years in the United States Marines. I was stationed in Guantanamo Bay. I was a barber a little after the revolution.

"I was born here, and I grew up in Kingston, but I always liked the country life and the country feelings. So, after I traveled I came back here, which was around 1970. That was the same year that the hippies started coming here. We used to wake

up and see them sleeping all over the rocks. So we got together with the hippies and shared our herb. We used to smoke and get high together, and you know that spiritual feelings you get when you smoke the ganja, that brought us together. I was sick at the time. I had an ulcerous stomach, and hemorrhoids, and then started living the natural life. The natural foods started in my system, so I got right into the Rasta culture, you know. And I felt better. Getting into

those natural foods—that's what made me feel so good. Of all the things about this life, that's what means everything to me. What I've learned from the natural foods and the hippies, you know. I learned about sprouts and things. In Jamaica we didn't know anything about sprouts.

"UFOs—yes, yes, yes. Several times here. I and my son Mark. Well, we had one of the most strangest experiences up there. One night, this thing appears like a star. And it always shines. It's a kind of red, green, and gold light all the times. One night about two o'clock, I and my son Mark, we were watching this light, and I said, 'Look at that. I believe it's a star.' And then I said, 'But I've never seen a star change that color.' Meanwhile, while we were talking, we saw another one coming and it opens up and the other one went right in the small light, traveled and came and went right in this other big one and it closes. Both of us saw that. You could ask him." •



Ian Masters, publisher of Sports And Arts magazine:

"They have started this massive drive to send personnel and equipment to various countries who they know are totally dependent on American aid, like Jamaica. You can see helicopters flying all over the place, and I have seen American personnel in the copters. Although our government says there are no American personnel, we have all seen them. I've been told by people that when they land, they have their standard .45 Army issue strapped to their hips. In Jamaica they don't carry standard .45s. I think it's violating our constitution. Whatever they're trying to achieve, it's wrong.

"The majority of Jamaicans say, 'Get rid of the cocaine and the cocaine barons.' Marijuana is a natural thing, you know. Cocaine is really destroying a lot of Jamaicans. A lot. It has reached a point where even in the schools, children are snorting and freebasing and shit like that. When they want more, they haven't got the money to buy it, so hence the crime link. They go and steal, kill. They have not reached the proportions of, say, New York, and I hope to God that it doesn't reach that proportion. So this is why people are saying 'Let's kill the cocaine trade NOW.' •



NO PROBLEM?

continued from page 39

the busy season, from December to April, when Negril nightlife is going full blast, hearty partiers need their coke to stay wide awake so they can get as drunk and stoned as possible, and enjoy all the fun.

Although the tourists are the primary market for the white powder and you would figure that the black market would take care of the traffic control, local Rastas swear the CIA is dropping it on the island in an effort to destroy their culture. It's as hard to argue against that possibility as it is to believe it. The heaviest street rumor going around while we visited Negril was that Peter Tosh was shot by a man who took a gun rap for him fifteen years before, and when he came to collect, Tosh wouldn't pay the money originally promised in the deal. Most Rastafarians believe the government was behind the Peter Tosh murder, as part of the same vicious plot against their culture as the cocaine trade. Whether the Peter Tosh murder was a government plot, random violence, or Rambo business gone sour, what you can't argue with is that Tosh's murder, the coke, and the helicopters are ruining Rastafarian culture, replacing it with the same boring death culture that's stalking America.

Negril Rastas believe the helicopters are bombing the ganja plantations to promote the cocaine trade. When you consider the sacred reverence they give to their herb, the helicopters might as well firebomb churches. To many Jamaicans outside the Rasta culture as well, the warfare against Jamaica's ganja is as horrible a military maneuver as could be imagined. Perhaps the one group most terrified of the helicopters are those most dependent on the tourism business, especially the rich foreigners. They worry that if the campaign continues, their business will suffer.

It's important to keep in mind that not everyone in Negril, or on the island of Jamaica, likes reggae music and supports the Rastafarian culture. The Rastas represent the same minority counterculture as hippies in the '60s. Most locals prefer American music, and not everyone in Jamaica smokes pot. The majority of Jamaicans appear to desire what middle class Americans have—the color TV with VCR, a two-car garage with an automatic door opener, microwaved ding-dongs, central heating and plumbing, and two weeks vacation to spend in Negril. Many Jamaicans are proud of the Burger King and Kentucky Fried Chicken franchises on the island. However, unlike that other country in love with U.S. culture, Jamaica is so technologically backward that there is no Xerox machine in all of Negril.

Very few locals expressed support for the helicopters' impossible mission to wipe out the island's, and the world's, drug problem, but believe it or not, they are there. These locals, like many Americans, figure that

drugs are a serious problem, that drastic action has to be taken against them, and the only people getting hurt in the aerial raids are people involved in illegal activity. According to the apologists, the helicopters are only spraying the plants, or uprooting the plants with the 'copters' propellers. They don't believe the accounts of napalm being used against the people in the hills.

The spraying, burning, and fire-bombing has been going on for a long time now. When a published report claimed political pressure was put on Jamaican Prime Minister Seaga by the Reagan administration to spray paraquat a few years ago, the swamp areas near Negril and Black River were named as prime targets in the War On Drugs. American police experts estimated in the early '80s that ten percent of the U.S. pot supply came from Jamaica, and the U.S. State Department identified Jamaica as the third-largest source of marijuana. A Jamaican official was quoted in 1985 as saying that U.S. officials "feel our efforts are not as strong as they could be. Normally we go in and slash and burn." Although the efforts have obviously been stepped up, it's too little too late. The American indoor-growing revolution has made imported Jamaican pot less in demand. The bombing of Jamaican fields comes about twenty years too late to put a dent in American marijuana use. What hasn't changed is Jamaica's strategic position as an ideal transit point for Colombian cocaine. Nothing is being done to stop the cocaine in Jamaica, however.

So, the aerial warfare goes on and on, wiping out food crops along with the subsistence farmers' pot crops. And the Jamaican ganja farmers, most of whom are Rastafarian, watch in helpless horror as their sacred plants go up in smoke. The price of ganja is going up as the shortage continues, but very few locals involved in the ganja business are in a position to profit from the inflated prices.

The only way for the islanders to get back at the copters would be the use of small arms or rocket-launchers, and there is much talk about how to accomplish that next step. But the islanders are too poverty-stricken to fight back with expensive technology like rocket launchers, and although Cuba is only 90 miles away, they haven't started giving them away... yet. Besides, escalating the war is the last thing Jamaicans want. They know that would hurt the tourism business, and Jamaica lost a lot of money a few years ago when political unrest scared tourists away.

Jamaicans want No Problems. They just want to be left alone. They want things the way they were—the farmers grow the ganja, the hustlers sell it to the tourists, and the tourists have a good time. But as long as no action is taken by those of us in the States to stop the bombing of Jamaican ganja fields, the firebombing will continue. And as long as American tourists want cocaine, there will be two big problems in the land of No Problem. ●



Above: The interior of Creative World Records.

Danny Reynolds, Creative World Records:

"If you notice, a lot of reggae groups are being killed or being shot. You know, it's mainly because reggae's the way of our people to express themselves. And talk about the things in Jamaica they don't like. There's a lot of people who would like to see reggae go down.

"But I don't think they can kill reggae. They can't stop it. People can get killed but there are many more that will come that will say the same thing that Peter would say. Peter Tosh... in his music, in his action, in his way of life, was very political. I mean, he's not the kind of guy who will stand there and see 1,000 police destroying a population of people just because

of a little ganja. He'd say, 'Legalize it and let it be free.' Politicians don't like people like that. They'll destroy him for that.

"They all come on and try to destroy the crops, destroy the feeling. Well, the people are hungry. This is their way of life for the people. So if the government is trying to eradicate ganja and Peter Tosh is there saying it should be legalized—they'll try to kill him. So that's it. We have to keep going. Reggae's not dying. It can never die.

"If you flog a child, he'll go in the corner and cry for a while. But tomorrow he'll go right to that same thing he was doing. Because that's a part of him. Reggae's the heartbeat of the people. That cannot be killed. It cannot be destroyed." ●

Michael Frazer, Rastafarian:

"Listen to this. I've been in the hills, mon, and seen people running with their babies from fuckin' Reagan's helicopters down here, dropping those fuckin' bombs, thrown by *Americans*. And people in their houses—most Jamaicans who have a field don't live in a house. They live in a hut. So even if it's a little house, it looks like a hut. These guys don't care whatever it fucking is. They burn it up. They don't expect Jamaicans to live in shit like that. So they're burning it up thinking there's ganja in it. And then burn up a lot of fuckin' people! Yeah! They drop a fucking grenade on it!"

"At least your government actually allow us to make it [Negril] an ideal vacation spot. Because we continue to hustle you people with bullshit like ganja. But your country, people get high on all kinds of shit, even more than us. We think Americans smoke far more pot than Jamaicans smoke. We only are trying to be so generous to have it for them."

"If you're going to come down here, and you're not buying a little ganja, there's this struggling crowd of people who're going to hustle your ass off, mon. They're going to find some way to really—if it's Reagan himself, they'll jack his pants off. I'm telling you. If Reagan comes down here with Nancy, he probably loses Nancy."

"Yeah, I mean, I've seen, right here in my own community, my own town, it's like I've seen young guys like



Michael Frazer shows off his prized possession, a gold Rolex watch.

me. These guys know coke—within six years, and kill themselves already. And I've seen people smoking ganja since many years before I was born, and they're still alive, and healthy and fit. And their head's together. I never heard of ganja killing anyone."

"So they won't legalize ganja. The head of the government don't like it. So right now, they're trying to fuck us all up. Like we might jump in the fucking ocean and commit suicide. And then they think that they have it all made. We know that they wanted Peter Tosh. We know that long time. We know guys who said he was wanted dead or alive... Because they thought he was going to gain power for the people. Not

through a political source. Because music is more powerful than any political source in the universe. The only thing to us is more profound than the music right now is the herb. Because the herb to us right now is our inspiration. For release, and free our mind of this mental slavery."

"But before we do so, they decide to fuck us up. And the sharpest way to do it is cocaine. It's easy. You could get a little girl into doing it. You could get a little fucking kid into doing it. I have my ten-year-old son, mon. He's the only thing I have. You know I have to say, 'Don't fucking ever touch it.' Because I grow ganja, he grows ganja. And learns that he doesn't ever need it. The only thing I have to say is, don't. Don't." •

DON'T FORGET!

Although there are plenty of native crafts, t-shirts, pot, food, and reggae records for sale everywhere, some of the "necessities of life" are unavailable. These things make good tips for maids, guides or whomever. If you want to have a hassle-free vacation while in Jamaica, don't forget the...

1. Rolling papers

Pot is plentiful, but rolling papers are not.

2. Cigarettes/Cigarette lighters

3. Small, waterproof containers

4. Insect repellent

5. Blank audio tape cassettes

Even customs agents were asking for them.

6. Boom box

But keep an eye on it.

7. Suitcases with locks

8. Bicycle

The best way to get around. If you're planning a short stay, rent a motor scooter.

9. Playing cards

Bring several decks. They wear out fast.

10. Medical supplies

11. Jamaican and American cash

Carry small bills for tips and small purchases. American \$20s, \$50s, and \$100s are in big demand. The black market exchange rate, was like seven to one—so for a \$100 bill, you get 700 J.

12. A portable fan/hair dryer

13. Towels

14. A flashlight

15. Sunscreen

16. Cosmetics

"They're too old down here," complained one woman.

17. Bathing suit

Bring snorkeling gear, too.

18. Trade goods

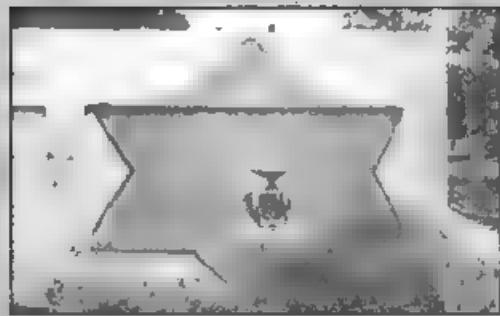
Some things are difficult to buy down there, like heavy rainboots, knives, raincoats, and umbrellas. Bring enough gold chains and you can buy the island. Ditto Rolex watches and cheap walkmans.

19. Heavy boots

If you're going to tour the country, the ground can be very rocky.

20. Condoms

More heavy boots. ●



NO PROBLEM!

Whatever anger Jamaican people feel about the helicopters or cocaine is directed at Seaga and Reagan. Other than the helicopters, coke, and yuppie scum, it's strictly No Problem in Negril. The helicopters make it difficult for farmers to grow enough to export overseas, but there is plenty for tourists. (Besides, any area that advertises Mrs. Brown's Mushroom Tea and Jenny's "Special" Cakes as "Specialty Items" in its tourism literature has to be at the top of the HIGH TIMES' list of places to visit!)

They know how to treat visitors here—you'll feel like a king! If you're looking for the 'round-the-clock party and the nightlife, the tourist season is the time to visit—from December to April. That's when there are lots of parties, bare-breasted beach bunnies, crowds of people everywhere, live reggae music all over, and a party atmosphere second to none. That's Negril: Sex 'N' Drugs 'N' Reggae Music Central. However, if you're looking for Negril: Pot-Smokers' Paradise, be daring! Visit during the off-season.

There are drawbacks to visiting Negril in the off-season. Like any tourist town, the energy level drops off. In Negril, that mostly means the nightlife slows down. Some clubs and restaurants close up completely. For some people, that's just fine. One couple we met were having a great time on their honeymoon. The island is never more romantic than when two people have it almost to themselves.

Enough places stay open to keep you from getting bored, and there are good reasons to go during the off-seasons. Some of the seedier hustlers disappear when the crowds do. Prices for everything from pot to crafts are lower, and there are no long lines for restaurants. And at times, it feels as if the entire

island is there for your benefit. It's as peaceful and relaxing as you could ever wish a vacation to be.

As far as coping a buzz goes, don't worry—there are so many local dealers, getting high is the last thing to worry about in Negril.

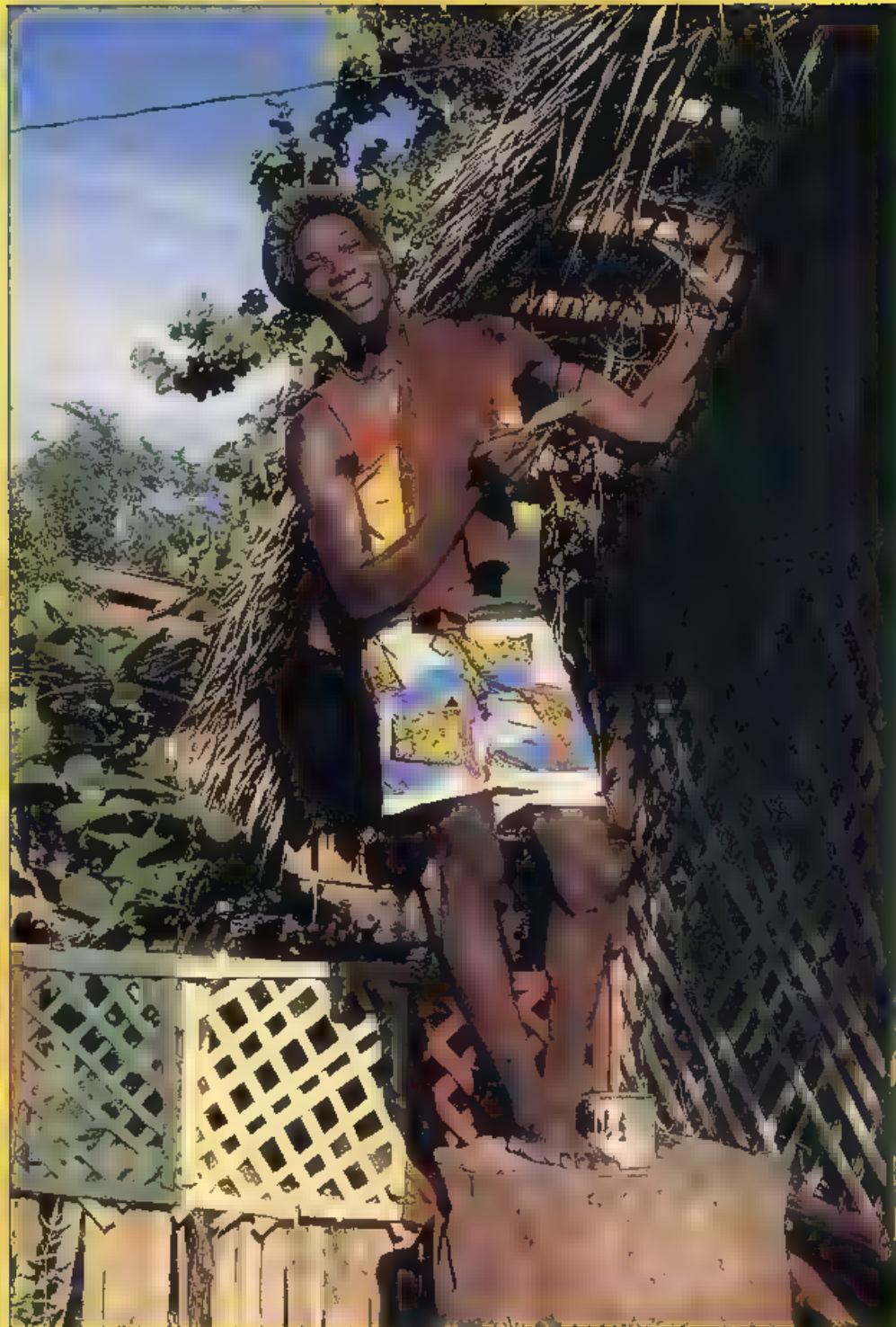
The market in the center of town, just off the roundabout, can be a lot of fun to visit, but it's also the biggest hustle around. Check it out, then comparison shop at the small shops on the highway cliffside. We found that the prices were better, and that the shop-owners were nice, friendly people.

One of the best reasons to go in the off-season is to take advantage of the uncrowded beaches. So wake up early, grab your snorkeling gear, and hit those coral reefs! If your local resort can't fill your scuba/snorkel needs, try Aquasports or the Negril Scuba Center at the Negril Beach Club.

You have to be out of your mind not to check out the local music scene. Visit Errol's Cassettes not far from the center of town, or Creative World Records near cliffside. Reggae singles are so cheap, picking up a few dozen will be No Problem! If you're not sure which ones to buy, just pick up the top ten—you can't go wrong.

The thing you won't do in Negril is run out of things to do. While we stayed at Summerset Village, there were horseback-riding trips, white water rafting expeditions, bus tours to the waterfalls, and more. They were building an entertainment center with a pool table, Ping-Pong, video games, and a TV room with satellite TV. But our favorite pastime was lying around in the sun and doing nothing, while getting hassled by no one.

Yeah, it was a tough assignment covering the Negril beat, but someone had to do it. ●



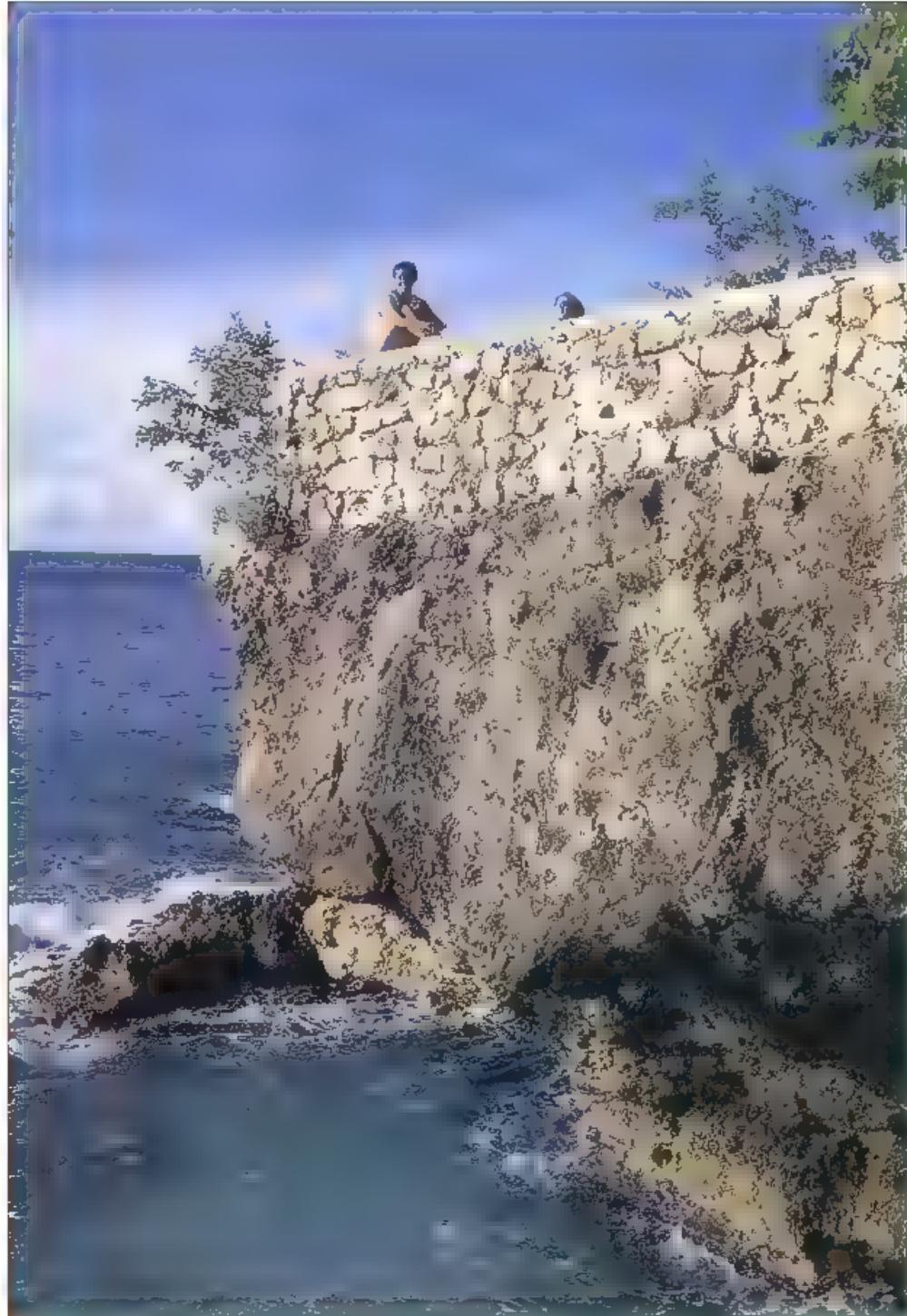
Local islanders enjoy the carnival atmosphere that grips the town during the tourist season and brings in the loco tourists. They also take a special pride in Negril's reputation as the hippest place on earth to get high.

WHY ARchie HAS TO GO TO AFRICA



While hanging out at Creative World Records, we couldn't help but notice the many cartoon images painted on the side of the store. Aside from pictures of Whoopi Goldberg hanging next to Bob Marley, Veronica go-go dancing, and advertisements for magic mushroom tea, the strangest image was one of Archie in Africa. I asked Danny Reynolds about it.

"What that picture means is that someday, Archie will find himself in Africa. And when he gets there, it will be okay. Archie will be allowed to go. But he has to go. Maybe next year, maybe in ten years, but some day, he's goin' to find himself in Africa. So that picture means— even Archie has to go to Africa." •



JOKE CORNER

A woman was standing in a crowded bus holding onto the rail when a Rasta man standing close by detected an odorous smell and found it was coming from her arm. He shook his locks as if he were about to faint. When he was recov-

ered he asked, "Dawta, wha kine a perfume yuh use?" She answered in a very chirpy voice, "Snow White and the Seven Dwarfs." The dread replied, "Den dawta, dem neva tell you sey some a di dwarf dem dead?"

—Westfes Magazine



ALFRED'S

Hidden away on the beach between the center of town and Hedonism.

The crepes and omelettes are outasite. Also a good place to check out the topless beach action.



THE MARINER'S INN

At cliffside, on the opposite side of Negril from the beaches.

On the expensive side, but worth it. Beautiful view of the ocean, great fish dishes.



SERIOUS CHICKEN

Between Ocean Edge and Drumvill Cove.

Highly recommended wood chicken barbecue—spicy!



PEE WEE'S

The best place to meet locals, who are allowed to hang out here. If you've got the guts, they've got the deadly rum punch—so good there's a two-per-customer limit!



The one thing in Negril that's better than the smoke is the food. So don't forget to eat something while you're down there—and we don't mean burgers!

PARADISE YARD

Just off the market in the center. The best! The Rasta Pasta is out of this world!



DESI DREADS

Another locals' hangout. Ital food, fun atmosphere. Try everything on the menu.



XTABI

Cliffside, between the center of town and Summerset.

Good food, great view, beautiful cliffs, but yuppies preferred.



KAISER'S CAFE

Meet the people! The best breakfast in Negril with all the java you can drink at a reasonable price. Crafts and t-shirts available as well as anything else you might want...a must see.



SUMMERSSET RESTAURANT

Cliffside, just across from Mariner's Inn.

Jamaican food for the American taste. The best food can be found on the chef's special Thursday night buffets.



WHARF CLUB

Right near the center of town. One of the top places. Very friendly staff.



RICK'S CAFE

Near the Lighthouse.

Expensive prices for so-so food, but the sunset is unbelievable, the bar is happening, and it's one of the most popular places for meeting people.



FISHERMAN'S WHARF

Past Alfred's beach side toward Mo-Bay.

Good food for old-time prices, but look out for the parking lot hustlers.





Pot grows wild all over Jamaica, but don't get caught with it at the wrong time, or in the wrong place. You'll pay some heavy dues.

NO JUSTICE

The story you are about to read happened for one of these reasons—a person was caught by Jamaican police bringing marijuana in or out of the country, buying it on the streets, or carrying it in a car. The victim, who wishes to remain anonymous, only had four grams—two joints. Once the police booked him, he was called up before a judge, given a court date, handcuffed, and thrown in jail.

"While I was there I saw things I couldn't

believe. We were in a 4' x 8' room with a ten-foot ceiling. One little 2' x 4' window at the top. Very little air, no light.

"They threw me in with all blacks—Africans, Nicaraguans, Brazilians. When the guards pushed me in, they all went 'White Man! White Man!' I was the only white man in there. All of a sudden I could feel people touching me all over—checking to see if I had a wallet, to see if I had any money. Right away I started pushing them away. I hit one

guy in the chest with my fist and knocked him up against the wall—I wasn't going to take anything because I knew if I took this stuff I was up for a lot more.

"A lot of guys were cut up. It was a very common thing down there. Scars on their face, on their necks, on their heads. I saw guys get beat-up, and I saw 'em get stabbed. The guards would let them bleed on the floor and then just hosed it down. The guards carry, like, baseball bats. I saw little kids with stiches on their foreheads, and on the crown of their heads where they'd been hit with sticks. It was deplorable. There were little twelve-year-old kids in there because they were riding the bus and didn't have the money to pay the fare.

"The lunches weren't fit for animals. Chicken backs and rice every day. For dinner it was chicken necks and rice. And it was a mad panic to eat for these guys.

"I'd say there were eighty-five people in this cell block, in about ten rooms. With big iron doors with bars on them, with quarter-inch holes drilled in through for air. A dungeon. And they put us in there for eighteen hours a day. There were four or five of us at a time in these little rooms. Nothing but two hard benches in it. Sometimes they stuck five of us in there. You'd have to sleep on the floor, with cockroaches all over the place. These guys peed on the floor, and the toilets were overflowing with human waste.

"I can't describe what they put people through. The urine smell. The human waste in the corners that were never cleaned. Cockroaches an inch and a-half long—never seen anything like 'em. I'd stay awake at night with one of my shoes to kill them. I'd say I killed a thousand. There were millions, crawling up on the walls... I slept on the concrete floor 'cause I couldn't deal with the heat. If I slept an hour and a half every night I was lucky. The jail cells were 120 degrees—no air.

"As my time progressed in there, I learned the people you can bribe. You get to bribe some of the cops in there, and they'll let you out a couple of hours a night. But you gotta pay 'em heavy. Like twenty bucks to let you out for a little bit. They'll give you a beer or two because they're totally wasted on the twenty bucks you give 'em.

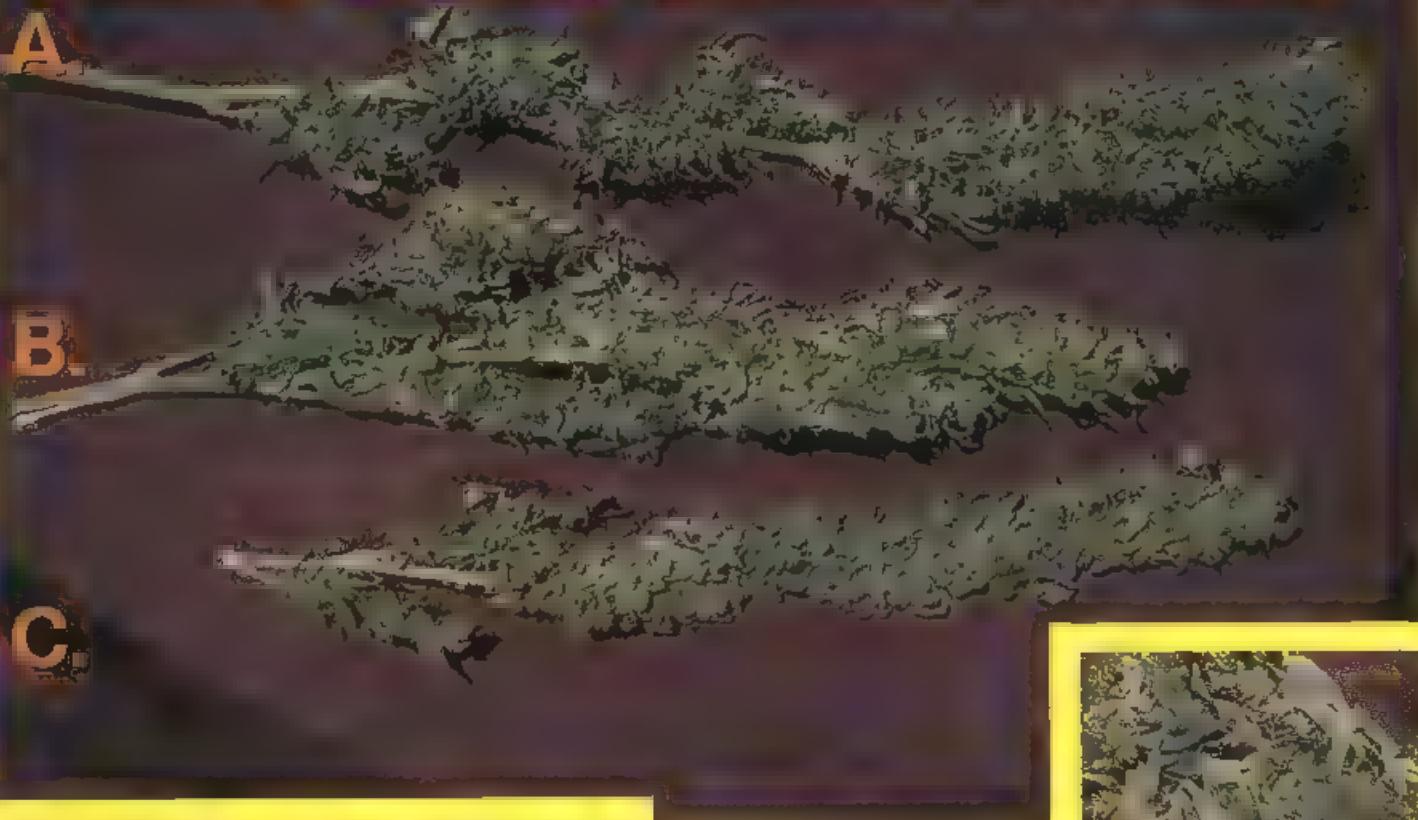
"It's deplorable. There's no justice. The lawyers lie to you, the judges lie to you—they make it a joke if you're an American down there. I spent a small fortune down there. And I'm not done yet. I'm sure this ordeal has cost me a good five or six thousand dollars. I bribed so many people. It was all politics. They wanted me to spend my money in the jail, and bribe people—they're all into bribery down there. I realize I broke the law. But two joints! There are murderers, dope pushers, heroin users, cocaine users, and they're all in the same category down there.

"Don't take anything with you, don't buy anything while you're down there. If you do, you're at your own risk. ●

WESTMORELAND TASTE TEST

THREE LOCAL INDICA HYBRIDS

A



B



A

You can see the obvious Skunk #1 dominance in appearance. It also went for the taste. Sold as *indica*, I felt it as a clear, energetic, *sativa* high.

B

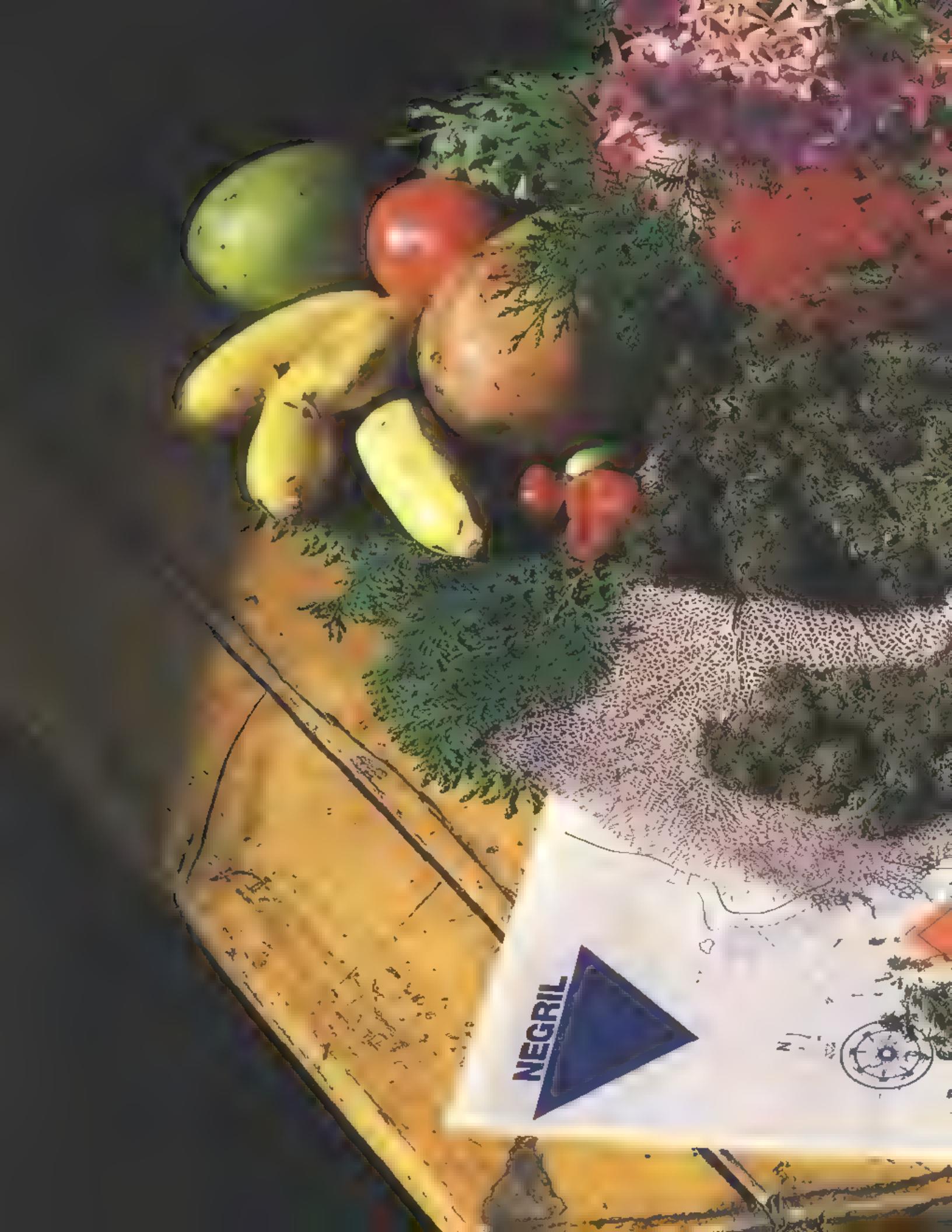
A very strong "thick blue smoke" type of *indica*. Minty taste and narcotic effect made this a full, lusty taste.

C

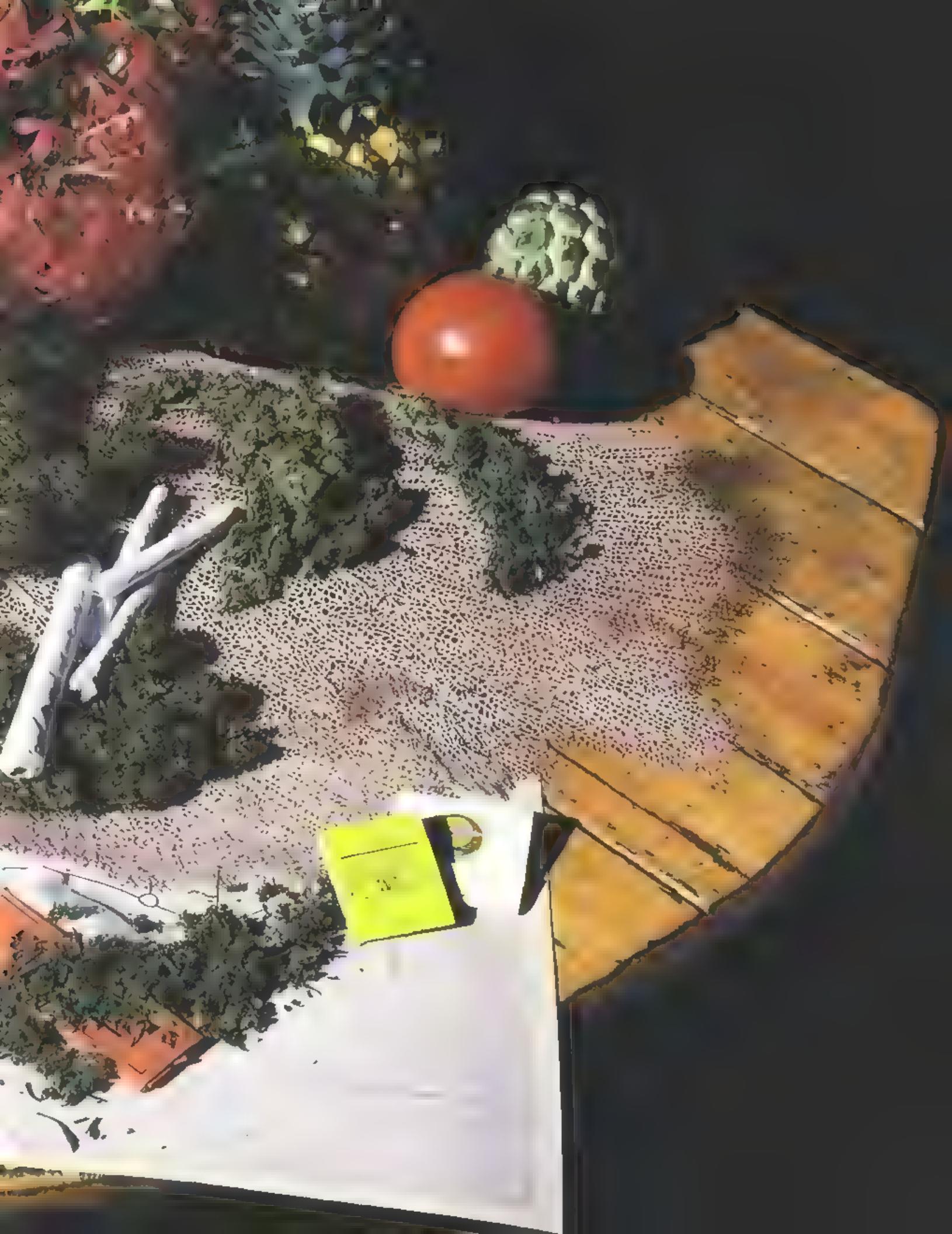
This skinny, squashed bud was the best! Sparkling with its sugar coating of amber, glandular trichomes, it was a superior, calming *indica*. (see inset)

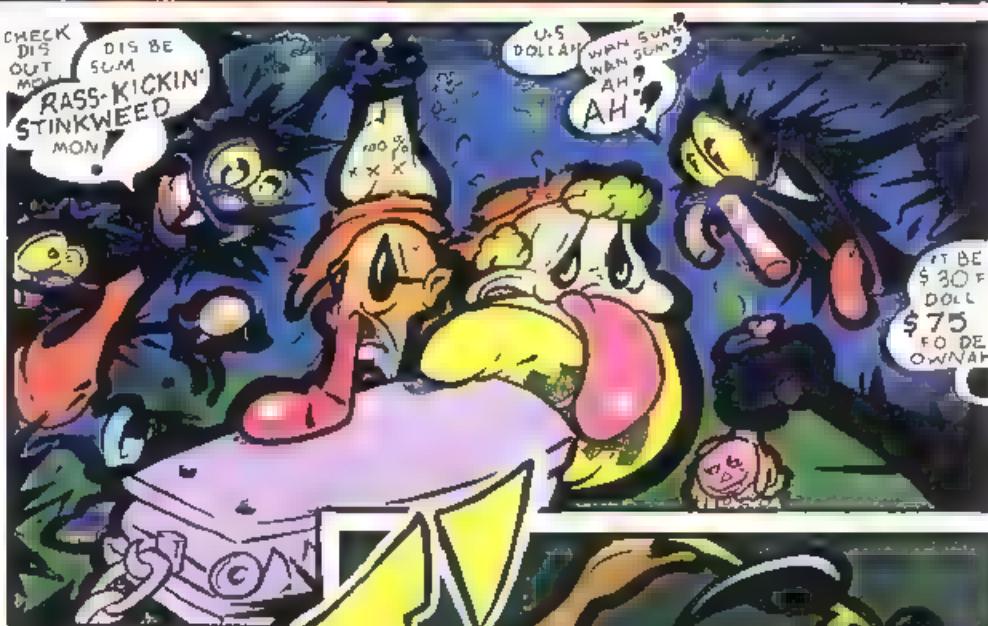
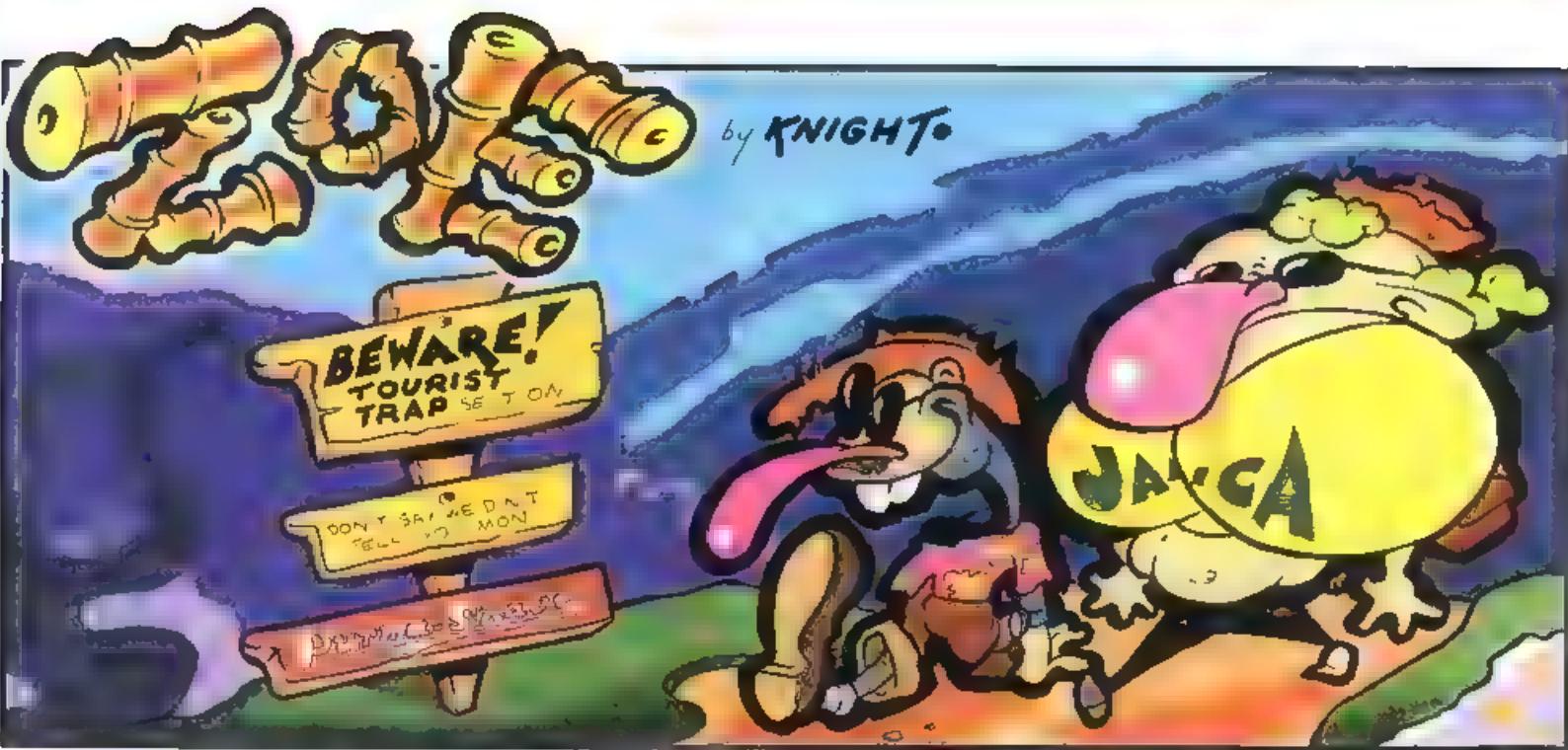
Overleaf: A spectacular "Blue Vein" and Skunk #1 hybrid grown within an hour's drive of Negril. Photography by Andre Grossmann, floral arrangement by Jennifer Jackson.

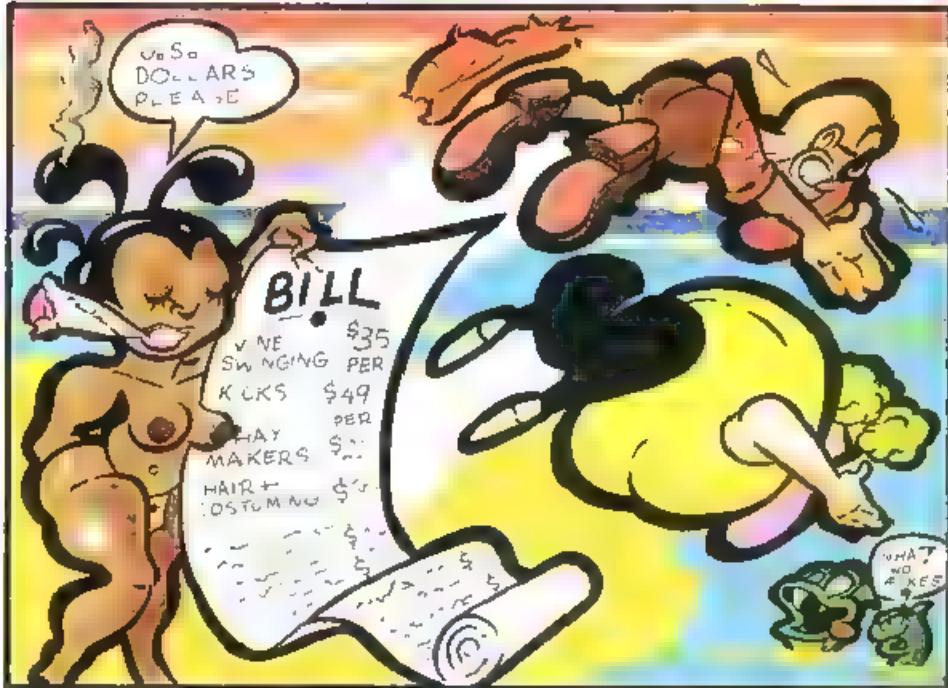
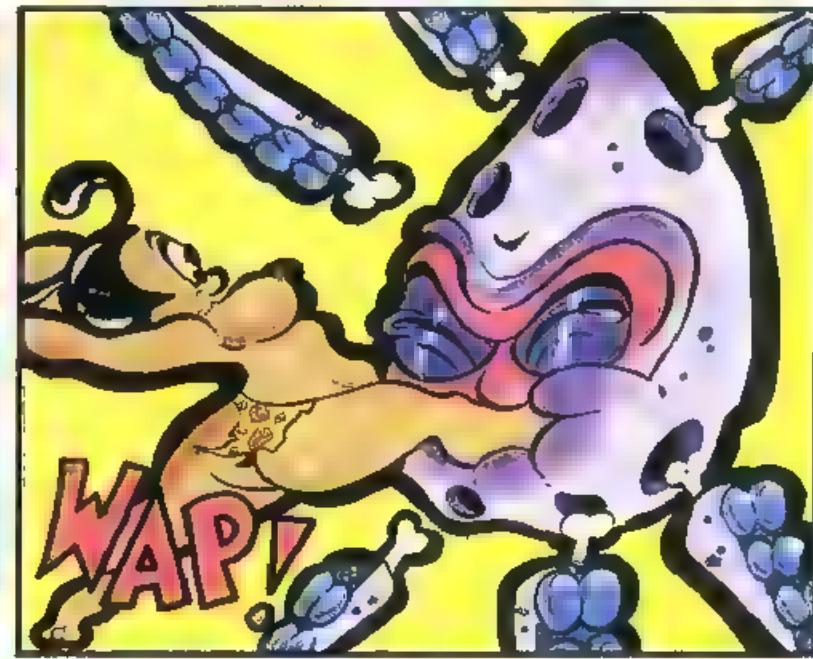
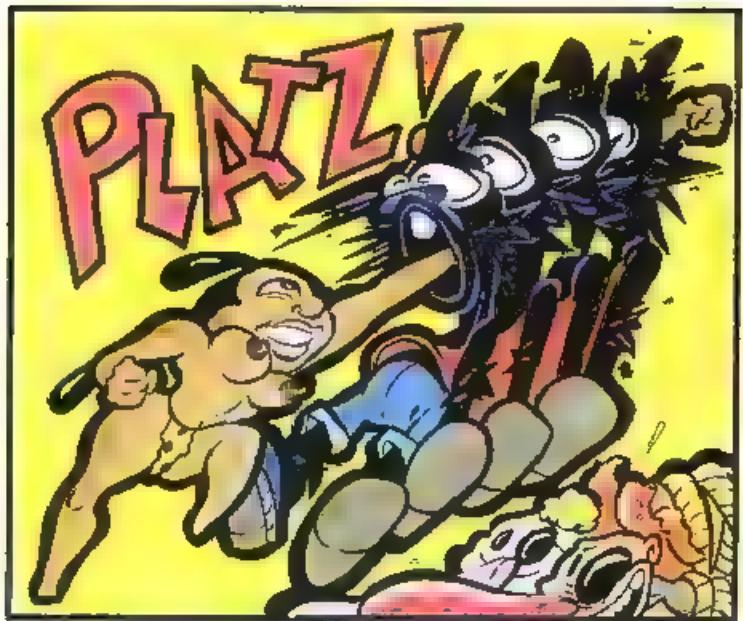
Amazing! Even in Jamaica, Skunk #1 seeds yield a highly prized "cotton balls" kola.



NEGRIL









**Untitled, gouache on museum board,
4 1/2" x 6 1/2", 1986.**



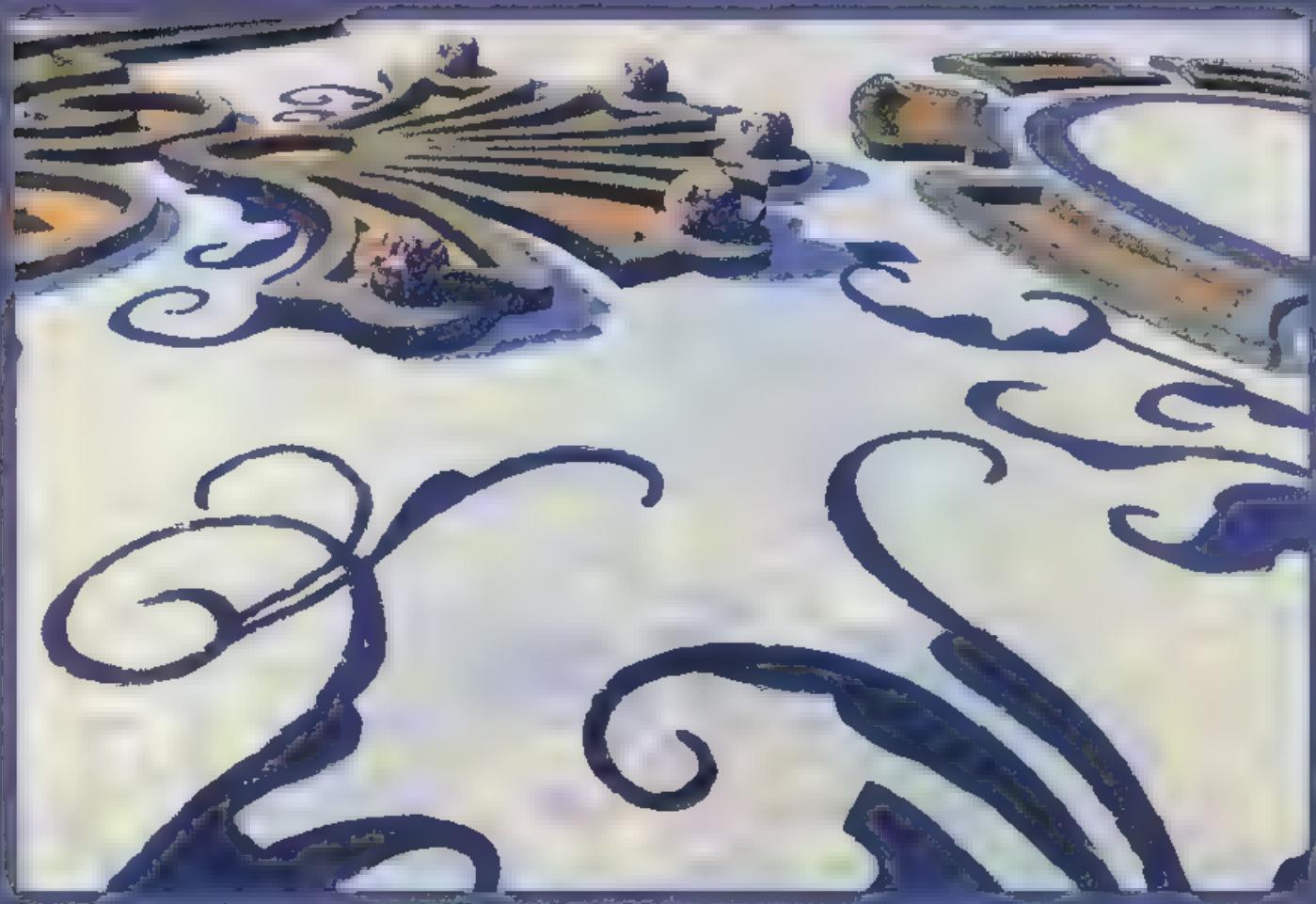
Untitled, oil on canvas, 50" x 72", 1987.



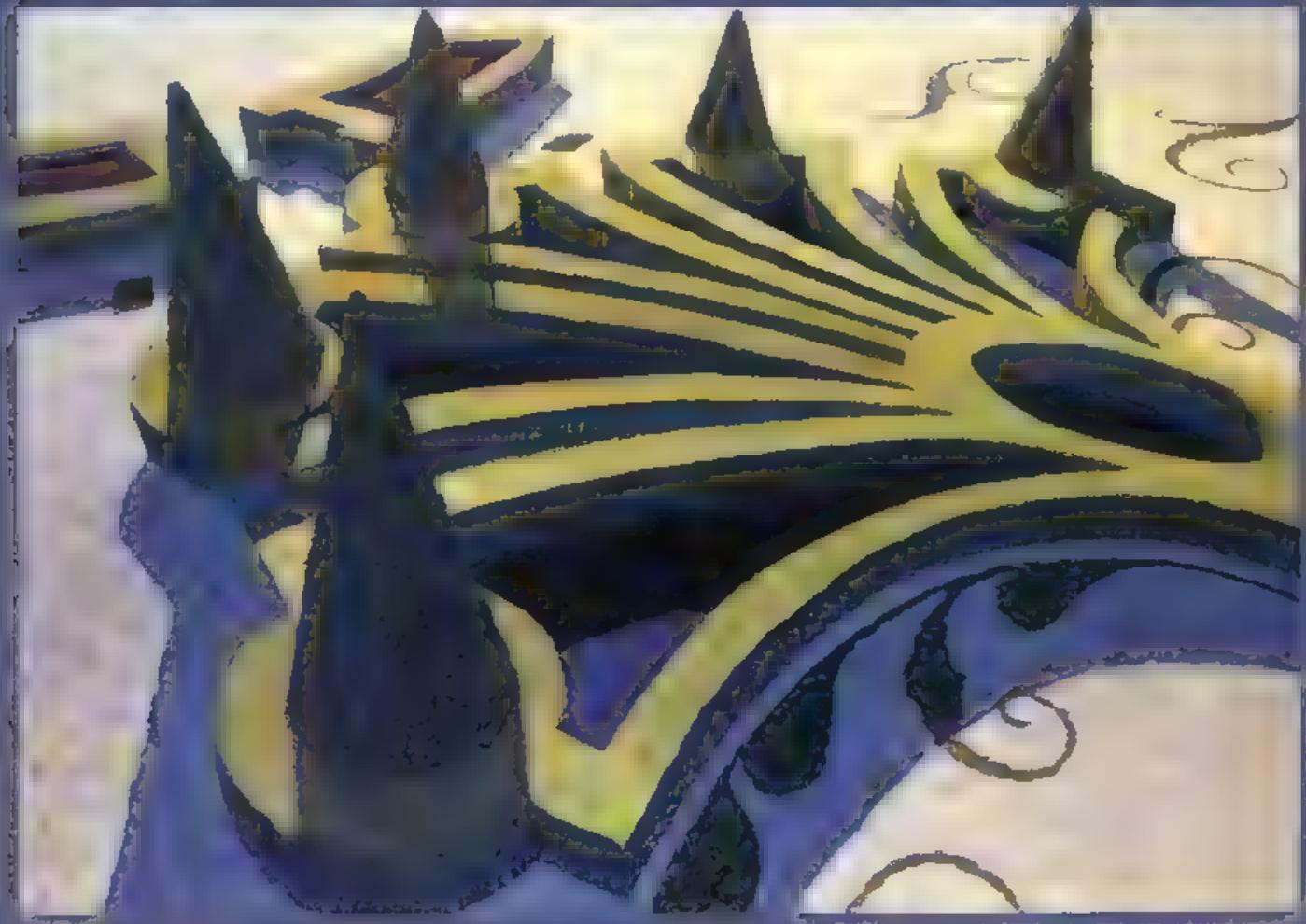
by Carlo McCormick

BRIAN SPAETH

Following our senses on twisting and twirling paths and rills, we are in the infinite, meandering gardens of the psychedelic sublime. Brian Spaeth is the gardener with a paintbrush, the caretaker-guardian of this visionary landscape. He builds his pastoral playground in a high place, floating just above mind, memory, and mythology—where anything can grow full and ripe in the rich soils of the expansive imagination. Spaeth takes his seeds from the planned gardens of England that spanned the Rococo and Romantic movements of the 18th century, including such wondrous contrivances as Prior Park, Twickenham, Strawberry Hill, and Kew Gardens. First Spaeth builds miniature models of his charmingly rambling grounds, constructing three-dimensionally the intricate patterns in which harmony and order meet passion and irregularity on the grand scheme of nature's cosmic design. These artificial estates are the blueprint for the artist's deeper explorations. Into this swirling organic puzzle—this trippy maze of hedgerows—Spaeth loses himself, painting confused, dreamy views that take us into the heart of this bizarre beauty. Look into these mesmerizing pictures where the flowers of seduction are bathed in the iridescent light of a thousand psychedelic suns. You are falling, faster and faster. You are rising higher and higher, sinking, spinning, swimming in a silent sea of secluded shadows. You are... There. •



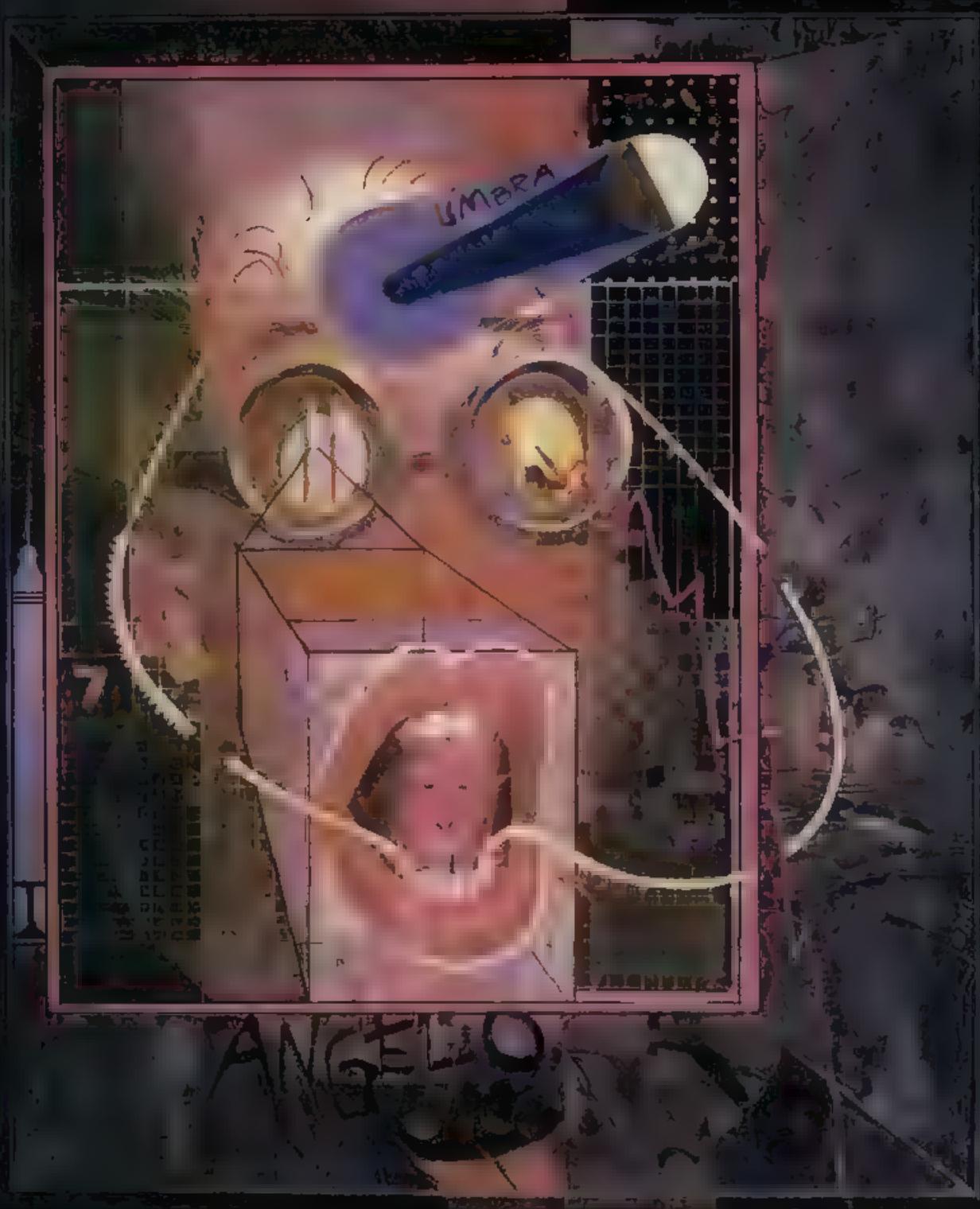
Untitled, oil on canvas, 30" x 42", 1987.



Untitled, oil on canvas, 60" x 76", 1985.

SIX KINDS OF DARKNESS

by John Shirley



Excerpted from *Eclipse Penumbra*, a novel by John Shirley,
to be published in April 1988 by Quester/Popular Library.



SHELLY STOLZ

John Shirley is a skinny, white, twitchy kind of guy, who has—along with the motley crew of other so-called "cyberpunk" writers (see November 1987 HIGH TIMES)—kicked some life into the science fiction world's complacent butt in the last few years. Now a comparatively mellow 35 (settled down with a wife and kid outside L.A.), Shirley has been writing glandularly urgent, street-soiled science fiction since he was an alienated teenager in Portland, Oregon. His first novel, *Transmaniacon* (originally published more than ten years ago and now out of print) showed a raw, energetic talent at work on the most important issues of the day—sex, drugs, and rock 'n' roll. Those preoccupations still persist, but they've been joined by a sharp sense of socio-political awareness and a deepening concern for the fate of the human species. He describes *Eclipse Penumbra* (the novel from which "Six Kinds of Darkness" is excerpted) as a "futuristic thriller" that is "an intense exercise in trying to spelunk the depths of near-future social reality. It deals with issues of political and economic struggle—how political power emerges from economic power, and how those that seek power exploit basic tribal urges in human masses, like racism and militarism." The story, which began in *Eclipse* (also available from Questar/Popular Library), will conclude next fall with *Total Eclipse*. Other recent work includes *A Splendid Chaos. An Interplanetary Fantasy* (Franklin Watts), which he calls "a science-fiction adventure in a surrealistic landscape, in which an interplanetary setting is used as a staging area of metaphor," and *In Darkness Waiting* (NAL/Onyx), a gruesome horror novel that deals with "our easy capacity to suppress empathy." Shirley has also been busily at work on several film projects (why else does anyone live in L.A.?), banging out a screenplay for underground filmmaker Charles Atlas, *Black Glass* (a Fellini-esque look at future performance art), a collaboration with cyberpunk hotshot William Gibson, called *Macrochip*, currently in development with *Max Headroom* producer Peter Wagg, and an adaptation of the Gibson story "New Rose Hotel" for producers Ed Pressman (*Wall Street*) and Malcolm McLaren (!) to be directed by Kathryn Bigelow, whose *Near Dark* Shirley calls "the best vampire movie since Tod Browning's *Dracula*."

Charlie'd say, "I'm into it once or twice—but you, you got a jones for it, man." And Angelo'd snicker and say, "Gives my life purpose, man. Gives my life direction."

You could smell the place, the Hollow Head, from two blocks away. Anyway, you could if you were strung out on it. The other people on the street probably couldn't make out the smell from the background of monoxides, the broken-battery smell of acid rain, the itch of syntharette smoke, the oily rot of the river. But a user could pick out that tease of Amyl Tryptaline, thinking, *Find it like a needle in a haystack*. And he'd snort, and then go reverent-serious, thinking about the needle in question... the needle in the nipple...

It was on East 121st Street, a half block from the East River. If you stagger out of the place at night, you'd better find your way to the lighted end of the street fast, before the leeches crawled out of the river after dark, slug-creeping up the walls and onto the cornices of the old buildings; they sensed your bodyheat, and an eight-inch ugly brute lamprey thing could fall from the roof, hit your neck with a wet *slap*, inject you with paralyzing toxins; you fall over and its leech cronies come and drain you dry.

When Charlie turned onto the street it was just sunset; the leeches weren't out of the river yet, but Charlie scanned the rooftops anyway. Clustered along the rooftops were the shanties...

The immigrants had swarmed to the mecca of disenchantment till New York became another

Mexico City, ringed and overgrown with shanties—shacks of clapboard, tin, cardboard, protected with flattened cans and wrapper plastic. Every tenement rooftop in Manhattan mazed with shanties, sometimes shanties on shanties, till the weight collapsed the roofs and the old buildings caved in, the crushed squatters simply left dying in the rubble—firemen and Emergency teams rarely set foot outside the sentried, walled-in havens of the midtown class.

Charlie was almost there. It was a mean motherfucker of a neighborhood, which is why he had the knife in his boot-sheath. But what scared him was the Place. Doing some Room at the Place. The Hollow Head. His heart was pumping and he was shaky but he wasn't sure if it was from fear or anticipation or if, with the Hollow Head, you could tell those two apart. But to keep his nerve up, he had to look away from the Place, as he got near it; tried to focus on the rest of the street. Some dumbfuck pollyanna had planted saplings on the sidewalk, in the squares of exposed dirt where the original trees had stood. But the acid rain had chewed the leaves and twigs away; what was left was stark as TV antennas... Torchglow from the roofs; and a melange of noises that seemed to ooze down like something greasy from an overflowing pot. Smells of tarry wood burning; dogfood smells of cheap canned food cooking. And then he was standing in front of the Hollow Head. A soot-blackened townhouse; its Victorian facade of

continued over

cherubims recarved by acid rain into dainty gargoyle. The windows bricked over, the stone between them streaked grey on black from acid erosion.

The building to the right was hunchbacked with shacks; the roof to the left glowed from oil-barrel fires. But the roof of the Hollow Head was dark and flat, somehow regal in its sinister austerity. No one shacked on the Hollow Head.

He took a deep breath, and told himself, "Don't hurry through it, savor it this time," and went in. Hoping that Angelo had waited for him.

Up to the door, wait while the camera scanned you. The camera taking in Charlie Chesterton's triple mohawk, each fin a different color; Charlie's gaunt face, spiked transplas jacket, and customized mirrorshades. He heard the tone telling him the door had unlocked. He opened it, smelled the Amyl Tryptaline, felt his bowels contract with suppressed excitement. Down a red-lit hallway, thick black paint on the walls, the turpentine smell of A.T. getting stronger. Angelo wasn't there; he'd gone upstairs already. Charlie hoped Angelo could handle it alone. . . . The girl in the banker's window at the end of the hall—the girl wearing the ski mask, the girl with the sarcastic receptionist's lift in her voice—took his card, gave him the Bone Music receptor, credded him in. Another tone, admission to Door Seven, the first level. He walked down to Seven, turned the knob, stepped through and felt it immediately; the tingle, the rush of alertness, the chemically-induced sense of belonging, four pleasurable sensations rolling through him and coalescing. It was just an empty room with the stairs at the farther end; soft pink lighting, the usual cryptic palimpsest of graffiti on the walls.

He inhaled deeply, felt the Amyl Tryptaline go to work almost immediately; the pink glow intensified, the edges of the room softened, he heard his own heartbeat like a distant beatbox. A barbed wisp of anxiety twined his spine (wondering, *Where's Angelo, he's usually hanging in the first room, scared to go to the second alone, well, shit, good riddance*) and he experienced a paralytic seizure of sheer sensation. The Bone Music receptor was digging into his palm, he wiped the sweat from it and attached it to the sound wire extruding from the bone back of his left ear—and the music shivered into him . . . it was music you *felt*, more than heard; his acoustic nerve picked up the thudding beat, the bass, a distorted veneer of the synthesizer. But most of the music was routed through the bone of his skull, conducted down through the spinal column, the other bones. It was a music of shivery sensations, like a funny-bone sensation, sickness sensations, chills and hot flashes like influenza but it was a sickness that

caressed, viruses licking at your privates and you wanted to come and throw up at the same time. He'd seen deaf people dancing at rock concerts; they could feel the vibrations from the loud music; could feel the music they couldn't hear. It was like that but with a deep, deep humping brutality, like having sex with an obviously syphilitic whore and enjoying it more because you knew she was diseased. The music shivered him from his paralysis, nudged him forward. He climbed the stairs. . . .

Bone Music reception improved as he climbed, so he could make out the lyrics, Jerome-X's gristly voice singing from inside Charlie's skull:

*Six kinds of darkness,
Spilling down over me.
Six kinds of darkness,
Sticky with energy.*

Charlie got to the next landing, stepped into the second room

Second room used electric field stimulation of nerve ends; the metal grids on the wall transmitted signals that stimulated the neurons, initiating pleasurable nerve impulses; other signals were sent directly to the dorsal area in the hypothalamus, resonating in the brain's pleasure center. . . .

Charlie cried out, and fell to his knees in the infantile purity of his gratitude. The room glowed with benevolence; the barren, dirty room with its semen-stained walls, cracked ceilings, naked red bulb on a fraying wire. As always he had to fight himself to keep from licking the walls, the floors. He was a fetishist for this room, for its splintering wooden floors, the mathematical absolutism of the grid-patterns in the grey metal transmitters set into the wall. Turn off those transmitters and the room was shabby, even ugly, and pervaded with stench; with the transmitters on it seemed subtly intricate, starkly sexy, bondage gear in the form of interior decoration, and the smell was a ribald delight.

(The Hollow Head was drug paraphernalia you could walk into. The building itself was the syringe, the hookah, the snuff-tube. The whole building was the paraphernalia—and the drug itself.)

And then the room's second phase cut in: the transmitters stimulated the motor cortex, the reticular formation in the brainstem, the nerve pathways of the extrapyramidal system, in precise patterns computer formulated to mesh with the ongoing Bone Music. Making him dance. Dance across the room, feeling he was caught in a choreographed whirlwind (flashing: genitals interlocking, pumping, male and female, male and male, female and female, tongues and cocks and fingers pushing into pink bifurcations, contorting purposefully to guide between fleshy globes, the thrusting a heavy downhill flow like an emission of

igneous mud, but firm pink mud, the bodies rounded off, headless, Magritte torsos going end to end together, organs blindly nosing into the wet receptacles of otherness), semen trickling down his legs inside his pants, dancing, helplessly dancing, thinking it was a delicious epilepsy, as he was marionetted up the stairs, to the next floor, the final room. . .

At the landing just before the third room, the transmitters cut off, and Charlie sagged, gasping, clutching for the banister, the black-painted walls reeling around him. . . . He gulped air, and prayed for the strength to turn away from the third room, because he knew it would leave him fried, yeah, badly crashed and deeply burnt-out. He turned off the receptor for a respite of quiet. . . . In that moment of weariness and self-doubt he found himself wondering where Angelo was, had Angelo really gone onto the third room alone? Ange was prone to identity crises under the Nipple Needle. If he'd gone alone—little Angelo Demario with his rockabilly hair and spurious pugnacity—Angelo would sink, and lose it completely. . . . And what would they do with people who were overdosed on an identity hit? Dump the body in the river, he supposed . . .

He heard a yell mingling ecstasy and horror, coming from an adjacent room, as another Head customer took a nipple. . . . that made up his mind: like seeing someone eat making you realize you're hungry. He gathered together the tatters of his energy, switched on his receptor, and went through the door.

The Bone Music shuddered through him, too strong now that he was undercut, weakened by the first rooms. Nausea swallowed through him

The darkness of the Arctic, two months into the night,

Darkness of the Eclipse, forgetting of all light.

Angelo wasn't in the room and Charlie was selfishly glad as he took off his jacket, rolled up his left sleeve, approached the black rubber nipple protruding from the metal breast at waist-height on the wall. As he stepped up to it, pressed the hollow of his elbow against the nipple; felt the computer-guided needle probe for his mainline and fire the I.D. drug into him. . . .

The genetic and neurochemical essence of a woman. They claimed it was synthesized. He didn't give an angel's winged asshole where it came from, right then: it was rushing through him in majestic waves of titanic intimacy. You could taste her, smell her, feel what it felt like to be her (they said it was an imaginary her, modeled on someone real, not really from a person. . .).

Felt the shape of her personality superimposed on you so for the first time you weren't burdened

with your own identity, you could find oblivion in someone else, like identifying with a fictional protagonist but infinitely more real. . . .

But oh shit. It wasn't a *her*. It was a *him*. And Charlie knew instantly that it was Angelo. They had shot him up with Angelo's distilled neurochemistry—his personality, memory, despairs, and burning urges. He saw himself in flashes as Angelo had seen him. . . . And he knew, too, that this was no synthesis, that he'd found out what they did with those who died here, who blundered and O.D.'d. they dropped them in some vat, broke them down, distilled them and molecularly linked them with the synthcocke and shot them into other customers. . . . Into Charlie . . .

He couldn't hear himself scream, over the Bone Music (*Darkness of an iron cask, lid down and bolted tight*) He didn't remember running for the exit stairs (*And three more kinds of darkness, three I cannot tell*), down the hall, (*Making six kinds of darkness, Lord please make me well*) out into the street, running, hearing the laughter from the shantyrats on the roofs watching him go.

Him and Angelo running down the street, in one body. As Charlie told himself: "I'm kicking this thing. It's over. I shot up my best friend. I'm through with it."

Hoping to God it was true. *Lord please make me well*

Bottles swished down from the rooftops and smashed to either side of him. And he kept running.

He felt strange.

He could feel his body. Not like usual. He could feel it like it was a weight on him, like an attachment. Not the weight of fatigue—he felt too damn eerie to feel tired—but a weight of sheer alienness. It was too big. It was all awkward and its metabolism was pitched too low, sluggish, and it was. . . .

It was the way his body felt for Angelo.

Angelo wasn't there, in him. But then again he was. And Charlie felt Angelo as a nastily foreign, squeaky, distortion membrane between him and the world around him.

He passed someone on the street, saw them distorted through the membrane, their faces funhouse-mirror twisted as they looked at him—and they looked startled.

The strange feelings must show on his face. And in his running.

Maybe they could see Angelo. Maybe Angelo was oozing out of him, out of his face. He could feel it. Yeah. He could feel Angelo bleeding from his pores, dripping from his nose, creeping from his ass.

A sonic splash of: *Gidgy you wanna do a video hook-up with me?* (*Gidgy* replying:) *No, that shit's*

grotty Ange, last time we did that I was sick for two days. I don't like pictures pushed into my brain. Couldn't we just have, you know, sex? (She touches his arm.)

God, I'm gonna lose myself in Angelo, Charlie thought. Gotta run, sweat him out of me.

Splash of: Angelo, if you keep going around with those people, the police or those SA people are going to break your stupid head. (Angelo's voice:) Ma, get off it, you don't understand what's going on, the country's getting scared, they think there's gonna be nuclear war, everyone's lining up to kiss the Presidential Ass 'cause they think she's all that stands between us and the fucking Russians—(His mother's voice:) Angelo don't use that language in front of your sister, not everyone talks like they do on TV—

Too heavy, body's too heavy, his run is funny, can't run anymore, but I gotta sweat him out—

Flash pictures to go with the splash voices now: Motion-rollicking shot of sidewalk seen from a car window as they drive through a private-cop zone. SA bulls in mirror helmets walking along in twos in this high-rent neighborhood, turning their glassy-blank assumption of your guilt toward the car, the world revolves as the car turns a corner, they come to a checkpoint, the new Federal I.D. cards are demanded, shown, they get through, feeling of relief, there isn't a call out on them yet... blur of images, then focus on a face walking up to the car, Charlie Chesterton. Long, skinny, goofy-looking guy, self-serious expression...

Jesus, Charlie thought, is that what Angelo thinks I look like? Shit! (Angelo is dead, man, Angelo is... is oozing out of him....)

Feeling sick now, stopping to gag, look around confusedly, oh fuck: two cops were coming toward him. Regular cops, no helmets, wearing blue slickers, plastic covers on their cop-caps, their big ugly cop-faces hanging out so he wished they wore the helmets, superecilious faces, young but ugly, their heads shaking in disgust, one of them said: "What drug you on, man?"

He tried to talk but a tumble of words came out, some his and some Angelo's, it was like his mouth was brimming over with little restless furry animals: Angelo's words

The cops knew what it was. They knew it when they heard it.

One cop asked the other (as he took out the handcuffs, and Charlie had become a retching machine, unable to run or fight or argue because all he could do was retch), "Jeez, it makes me sick when I think about it. People shooting up some 'a somebody else's brains. Don't it make you sick?"

"Yeah. Looks like it makes him sick too. Let's take him to the chute, send him down for the blood test."

He felt the snakebite of cuffs, felt the cops do a

perfunctory body-search, missing the knife in his boot. Feit himself shoved along to the police kiosk on the corner, the new prisoner-transferral chutes. They put you in something like a coffin (they pushed him into a greasy, sweat-stinking, inadequately padded personnel capsule, closed the lid on him, he wondered what happened—as they closed the lid on him—if he got stuck in the chutes, were there air-holes, would he suffocate?) and they push it down into the chute inside the kiosk and it gets sucked along this big underground tube (he had a sensation of falling, then felt the tug of inertia, the horror of being trapped in here with Angelo, not enough room for the two of them, seeing a flash mental image of Angelo's rotting corpse in here with him, Angelo was dead, Angelo was dead) to the police station. The cops' street-report clipped to the capsule. The other cops read the report, take you out (a break, the lid opened, blessed fresh air even if it was the police station), take everything from you, check your DNA print against their files, make you sign some things, lock you up just like that... that's what he was in for right away. And then maybe a public AVL beating. Ironic.

Charlie looked up at a bored cop-face, an older fat one this time. The cop looked away, fussing with the report, not bothering to take Charlie out of the capsule. There was more room to maneuver now and Charlie felt like he was going to rip apart from Angelo's being in there with him if he didn't get out of the cuffs, out of the capsule. So he brought his knees up to his chest, worked the cuffs around his feet, it hurt but... he did it, got his hands in front of him.

Flash of Angelo's memory: A big cop leaning over him, shouting at him, picking him up by the neck, shaking him. Fingers on his throat...

When Angelo was a kid some cop had caught him running out of a store with something he'd ripped off. So the cop roughed him up, scared the shit out of Angelo, literally: Angelo shit his pants. The cop reacted in disgust (the look of disgust on the two cops' faces: "Makes me sick," one of them had said).

So Angelo hated cops and now Angelo was out of his right mind—ha ha, he was in Charlie's—and so it was Angelo who reached down and found the boot-knife that the two cops had missed, pulled it out, got to his knees in the capsule as the cop turned around (Charlie fighting for control, damn it Ange, put down the knife, we could get out of this), and Charlie—no, it was Angelo—gripped the knife in both hands and stabbed the guy in his fat neck, split that sickening fat neck open, cop's blood is as red as anyone's, looks like....

Oh shit. Oh no.

Here come the other cops. ●

VISIT TO A SMALL

PLANTATION



Above: Lloyd "Swinger" Hilton (left) and Clifford "Lightning" James stand above their largest field, a horseshoe-shaped plot that will eventually yield about 60 pounds. The volcanic soil is rich in limestone, and rock formations act as small containers that protect the plants.

Story by John Holmstrom Photos by Andre Grossmann

The of the most popular tourist attractions in Negril is a visit to one of the local marijuana fields. Every other man, woman, or child in Negril will offer to take you on a visit to the pot fields.

As with any slightly illegal deal, you've got to be careful when dealing with the local

hustle—you can get burned. Some guides will hold you up for unexpected cash payments, others bring you to a "ganja plantation" that consists of a few scrawny plants. Because helicopters have been burning the large fields, there aren't many left. Whatever the outcome of your visit, set

the ground rules—price, time, and expectations up front.

We lucked out. Clifford "Lightning" James not only knew where some good-looking local fields were, he helped carry our heavy photo equipment and guided us through the thick jungle bush and the sharp rock cliffs. Not only that—to celebrate our adventure, he cooked up the best meal we had in Negril. Cliff introduced us to one of the local growers, Lloyd "Swinger" Hilton, who seemed wary of us. We were led to very small fields at first, until Lloyd seemed assured we weren't police or rip-off artists.

In Jamaica, the rules for growing pot have changed drastically because of the helicopters. To grow quantities large enough to sell, pot farmers grow many small patches over a very large, spread-out area, and hope that enough of them survive insect infestations, hungry goats, and helicopter attacks to make a living. We visited a dozen small fields around the Negril area, most of which were under heavy natural cover from aerial views. The fields in these photos were located far from the center of Negril. It took hours, walking through the bush, to reach them.

Lloyd had very simple advice for growing: "You gotta live with the plants, sleep with the plants." Lloyd works on the fields every day, adding mulch to the soil. He didn't have much advice for growing, aside from adding lobster shells ("anything from the sea is good for the plants") to the fertilizer. His daily work consists of adding mulch to the plants, locating and removing male plants and hermaphrodites, and removing or spraying the insects. While showing off his thickest bushes, Lloyd plucked a worm off a plant. It was a huge, ugly green fucker—almost three inches long.

Like most Jamaican pot farmers, Lloyd grows food along with his ganja—cabbage, collard greens, eggplant, oranges, bananas, and tomatoes. According to Lloyd, it's much easier to grow pot than vegetables. Bugs like the food crops better than ganja.

When indoor growing was mentioned to Lloyd and Cliff, they looked at us as if we were crazy. "Why would anyone need to grow indoors?" they asked. Since Jamaica has an ideal climate for outdoor growing and few households enjoy the luxury of electricity, and the Jamaican people don't enjoy the constitutional freedoms we do—it was next to impossible to explain the concept to them. Lloyd's only shelter was a pitifully small lean-to, barely large enough for him to sleep under.

After we got home, we received reports that helicopters buzzed Negril just days after we left. We didn't find out how many of Lloyd's fields survived the attacks.



One of Lloyd's prize plants was this immature kola, already oozing with resin.



Lloyd keeps the seedlings in a primitive greenhouse, which protects them until they're ready to plant. Because of the 'copters, he won't build a curing house until they're near maturity.



Lloyd had no idea who the Baltimore Orioles are. In Jamaica, the popular sports are cricket, boxing, and soccer.



Excerpted from *The Secret Garden* © 1989 George Lassen; published by Redwood Press.

The Secret Garden

by George Lassen

Violence is the last refuge of the incompetent.

Salvor Hardin

In order to succeed in growing pot, you must carefully plan for the security and concealment of your garden. You must make it a secret garden. The trouble with many secret gardens is that the people who have them do not keep them secret. The one rule to follow is, "Don't tell nobody nothing nohow—no matter what!" Time and time again I have seen one too many people told about a garden and then about one day before the harvest some rip-off artist gets the plants. Your hard work goes up in somebody else's smoke. You have to be content with the deep inner satisfaction that comes with growing good plants and a successful harvest. So don't talk about it. Keep it a secret.

A good way to handle the secrecy is to keep the information between you and your spouse or partner, and do all the work yourself. Now, in some cases this is not possible. For example, if you did everything right and you have a bumper crop, you might need to get some help drying and trimming. In a situation like this you still do not need to let anybody know the location of the garden, because you will want to grow there next year. You can farm out some of the trimming or take it to another location.

If an outside partner is necessary, be careful. Problems with partners are the rule rather than the exception, the most common being laziness. There are more stories about non-performing partners than any others. Resolve all differences early, and be very clear about any sharing of the harvest. You cannot easily put this type of agreement into writing, but that is about the only way to keep things straight. A growing partnership is like a marriage. If you don't genuinely like or respect your partner, it's going to be a long time until harvest. More partnerships fail than succeed.

After you see how much work it is to set up a garden, you will probably want to be able to use it for several years. There are many days of work involved in setting up a proper garden. Also, it usually takes a year to work the bugs out of a new garden, or learn the ropes if you are a new gardener.

Selecting a Site

Secret gardens can be almost any place. An outside garden is very tricky. The spot must receive adequate sun for the plant to grow well, and you must be able to get water and fertilizer to the location, but must be almost totally invisible from the air and difficult to stumble across by accident on the ground. I say "almost" because it is very difficult to be completely invisible from a helicopter.

Sunlight may be the most important element in growing large, robust plants (assuming adequate soil and water are provided). Of course, the lack of any key element will limit the size of harvested plants. Similar gardens, differing only in the amounts of sunlight, consistently show the garden with more light producing bigger, bushier plants.

It really pays to spend some time walking around looking for all as-

pects of your location. For security reasons you must pay particular attention to the air. If you have 100 degrees of clear view from any direction, you are likely to be busted or ripped off. Less than 50 degrees is much better.

Surveillance aircraft look mostly on south-facing slopes and along naturally occurring streams. Their logic is correct. These places are the most desirable and will produce the largest plants with the least work. Think one or two steps ahead of the law and rip-offs. Avoid these likely spots, or use them with care.

For just a minute close your eyes and think of yourself as a lawman flying over the countryside, looking for pot gardens to bust. You have been doing this for five years, and you know exactly what you are looking for... Okay! Did that scare you a little? Now when you go out there, keep that in mind with every step you take. Go the lawman one better. Dress up a little, so you look neat, rent an airplane, load up the Pentax with high-speed film, and take about fifty (or more) photos of the area. Before seeking a pilot, get a map of the area nearby and locate your property. Then mark out some land that is nearby, but not touching yours.

Tell the pilot that you are thinking of buying some property and want to look at it from the air. Take out your maps and show the pilot the pre-marked area. Then direct the pilot to fly all around the area. Do this only in the winter or very early spring or you run the risk of upsetting other growers. They may even shoot you.

I know a couple of honest growers in my local area who will scout out and photograph an area in ultralite aircraft for their customers. They charge for this service, and it is well worth the price for the extra piece of mind.

Now, if you really want to scare yourself, fly back over your spots in the fall when The Crop is mature and see what the plants are like when they are six to ten feet tall.

There are almost as many ways and places to grow as there are growers. In the last few years the law has been increasingly successful at finding marijuana gardens. As they define their techniques, they will probably do even better.

Smaller gardens are harder to find (and hopefully not worth the trouble to bust). Many growers have taken to setting up plots that have only ten to twenty plants. They may have several of these small plots scattered over a large area to keep a low profile.

Another approach is to scatter one- and two-plant minigardens over the countryside, taking maximum advantage of all natural cover. This is becoming increasingly popular and highly successful. There is a lot more work to it with fencing and water lines, but the results are worth it. A single plant with natural cover all around is extremely difficult to see, and this has proven to be the best method of concealing a garden.

Many growers who want only two or three plants for their own use will plant in their vegetable gardens. They surround their marijuana with



corn, sunflowers, staked tomatoes, and pole beans. Then they bend and tie down all the branches of the marijuana plant to make it look like a low bush. It works. People don't see it.

Then there are the somewhat more unconventional ways. One grower filled the bed of a tired old pickup truck with a high-powered soil mix and planted in the truck. He had a two-way radio, and whenever he heard that the law was in his area, or when he heard low-flying aircraft, he moved the truck from the full sunlight that the plant normally enjoyed, to a very secluded spot. His vigilance paid off in a successful harvest.

Other growers have planted their entire crop in trees. They put a container in a tree or find a hollowed out stump, fill it with high-powered fertilizer and let mother nature take over. Tree planting has one big plus: almost no predators can climb up there to eat the grass. This system does



Problems with partners are the rule rather than the exception, the most common being laziness.

work, but it is more work than most people want to do. Watering seems to be the biggest problem.

Whenever possible it helps to plant your crop with evergreens to the north and sunlight to the south. This helps to hide your garden and still provides good sunlight for growth. The fact that these trees are of a similar color and big enough to break up the view has helped hundreds of growers. I know one fellow who crawls through acres of manzanita and clears a spot for each plant far away from any other. These plants are hidden so that they are almost impossible to see. Many growers are hiding their crops in young oak forests with regular, but not dense, coverage.

These people do lose a little in production because of reduced sunlight, but they more than make up for it in peace of mind. They will cut down a few trees and trim selected branches to let in the required light. The freshly trimmed stumps and branch ends are painted black so they will blend into the natural cover and be hard to see. This approach has been very successful. Planting in this way can still yield a half-pound per plant—more if it is well tended.

Some growers have been experimenting with locating their plots on other than south- or southwest-facing slopes. This seems to work if you are not too far down a slope. It is important that the plants get at least eight hours of sun each day. Note the location of the sun in the early part of November. If it is still a few degrees above the horizon on about the 10th of November at 4:00 PM, you probably have enough sun for a successful crop.

Waterlines are a dead giveaway to any secret garden. There are no statistics on how many gardens have been busted because of waterlines seen from the air, but it is one of the easiest things to spot, and ridiculously easy to follow on the ground. Most growers will bury their lines if they plan on using the same patch for several years. Another, more time-consuming, method is to move the lines each time the crop needs to be watered.

No matter how you deal with this problem, remember that your water lines must be as secret as your garden. This goes double for your water tanks. A water tank will almost always be visible from the air. Careful placement is a must. If the tank can be located near a regular garden or dwelling or some other structure, it may look like it belongs there and avoid unnecessary attention. On the other hand, if your garden is spotted and the water lines are followed back to the tank by your house, you might find yourself in a bit of a bind.

Look for heavy natural camouflage and add to it. The only real way to take care of hiding the entire water system is to plan months ahead. All of the digging and hiding should be done early in the rainy season. That way Mother Nature will help to cover what you do by dropping more leaves and twigs. In the spring new growth will jump up all around, covering whatever is there. Use anything that is lying around to hide the system, broken tree limbs, dead brush, and rotting logs, whatever you can find. Be imaginative. Avoid straight lines and clumps of things mounded together. Make everything blend with nature.

Keep in mind that some rip-off artists are just as sophisticated as the law. They fly their own planes for spotting and come in with four-wheel drives, bolt cutters, and semi-automatic weapons. I don't say things like this to scare you, but unfortunately they are part of reality. If you don't know about them and plan accordingly, you may be in trouble. I know many growers who keep a fulltime armed guard on their crops the last few weeks before harvest. They disappear if the law shows up, but they shoot at thieves.

It truly saddens me that this wonderful and useful herb has taken on such a disturbing cloak of violence and greed. In the last two years, in the Great Northwest alone, there have been at least three deaths directly



If you really want to scare yourself, fly over your garden in the fall when the plants are over six feet tall.

connected with the growing of marijuana, and a number of other beatings and shootings. Remember, the bigger the crop, the bigger the problems.

Security

Security must be one of your major considerations in selecting your garden site. One little slip to the wrong person and your garden is gone forever! The first principle of security is to keep anyone from finding out about your garden. The second is to keep animals from destroying it.

Do not protect your garden by booby trapping it! I believe that it is wrong to hurt people who may accidentally stumble across your secret garden.

If you are growing on public land, or huge private timber holdings, the risk of discovery just goes with the territory. The act of hurting someone while you are growing on land that does not even belong to you is not acceptable. In fact, violence of any kind should be avoided. I do believe that it is right to take steps necessary to stop a thief from ripping you off. But it's best to exercise caution.



A dog is one of the best security devices you can find. A big dog! Two dogs are even better. One at each end of the garden. Dogs make a lot of noise, strike fear in the hearts of all animals, and send most two-legged predators on their way.

I know one grower who has dogs staked throughout his garden. They are chained in such a way as to overlap. He uses no fences and has no deer problems. People stay away, too. I heard of someone who built high, strong fences all around their garden and put in some big cats—three full-grown Bengal tigers and a leopard. That's fine, but imagine the food bill. The law had no trouble finding them because the operation was so big.

Another popular security device is an item called a Ripstopper. This is a commercial item that uses a radio transmitter to send out a wireless signal to a beeper device carried by the grower. The item uses a trip wire switch and/or a motion sensor. The alarm will sound even if the wires are cut. The Ripstopper will send an alarm in a line-of-sight transmission of up to half a mile (or more if the power supply is modified). This may not seem like much, but if it frees you to do other things within that range, it's worth it. A grower told me that, after sitting in his garden with a gun for two weeks he could not stand it. He brought a Ripstopper. It sells for about \$250 and comes with one motion sensor. You provide the batteries.

Some people build their own with greater range and much reduced cost.

Sometimes good karma alone will get you through. I heard a story about a grower with fifteen plants way out in the middle of nowhere. This person went out to check his garden one day during the fall when his garden was in full flower but still three to four weeks away from harvest. He was shocked to the point of panic when he saw fresh horse poop and two sets of horse prints within ten feet of his plants. He spent the next forty-eight hours guarding his plants with a borrowed .357 magnum and fifty rounds of ammunition, all the time freaking out, thinking that there was no way he could ever shoot someone, and wondering what he would do if a thief showed up... armed?

After two days of this justified paranoia, he went home and went to bed for a much needed rest. He let go... and, beyond belief, he harvested all fifteen plants. This person obviously led a charmed life, and the odds of that ever happening again are beyond calculation.

Harvest can be a nerve-wracking time. However, often just the sight that "somebody's home" will be enough to stop rip-offs. With gates, fences, dogs, people, etc., you must stop other people from seeing the garden. If it is not seen, it will not have to be defended.

Camouflage

Keeping your garden hidden means making the maximum use of whatever natural cover you have available, and supplementing it where necessary. Always consider the need for camouflage with each step you take in developing your garden. Strive to maintain harmony with the surrounding environment.

Black plastic bags are highly visible from the air. If this type of container is used, it must be painted with earth-tone colors. Black plastic is shiny and reflects light as well as being a solid color that is not in harmony with the environment. There is a company in Northern California that makes a camo sleeve to fit over a fifteen-gallon plastic bag, but spray paint is cheaper, faster and more reliable.

Many farmers wear clothing that blends in with the environment. They avoid bright solid colors that stand out and are easy to spot from a distance. Some growers even go so far as to buy special camouflage clothing and hats from army surplus or specialty stores.

Trails in the woods need special consideration. Do not make obvious trails that lead directly to your garden. Tramping over the same path carrying hundreds of pounds of amendments will beat down vegetation and become highly visible from the ground or the air. Paths that run along forest edges or through the forest itself are hard to see. Go out of your way to avoid open spaces. Use rocks or fallen trees to walk on whenever possible. Trails that go up and down a hill are more difficult to see from the ground than trails that go laterally along the contour of the land. One grower goes downhill to about 100 feet below and off to one side of the garden and then makes a kind of sharp V-shaped turn back up the hill to the plot. If you have a fence, place the gate in an obscure location. Somewhere in the shade or surrounded by high bushes is best.



Whenever possible, it helps to plant your crop with evergreens to the north and sunlight to the south.

There is a type of camouflage netting, made out of nylon, that some growers have used. It is very light weight and lets a lot of light through the mesh. Unfortunately, from the air this stuff stands out like a sore thumb. The idea was to copy the tactics used in warfare to hide the crop. Forget it! Those people were not interested in letting in light, and their methods were much different. This stuff only fools ducks.

There is one use that has worked. Hiding trails. The camouflage material is rolled out along a path. Dirt, leaves and twigs are then scattered along its length.

When talking about growing marijuana at our local fertilizer store, irrigation equipment company, etc., many growers will talk about tomato plants instead of pot. Nobody is fooled by this ploy, but you will quickly find out if the other person is sympathetic to your cause by the way they act. And tomatoes (except for the fact that they are acid-loving) have many of the same biological needs. Many store owners and clerks love to play this game with you, so take advantage of the situation if it comes along. Some of them may even have a plant or two out on the south forty.

Do be careful of the other possibility, the clerk may be an agent of the DEA. I have never heard of this happening, but there is always a first time. Sting operations are not new. I know of two or three suppliers who carefully screen all prospective employees before hiring just to reduce the chance of this happening. Most suppliers want to protect your privacy because it means dollars in their pockets. And dollars are dwindling with the increased success of the law in finding gardens and growers getting out of the business. One non-agricultural businessman told me that his business has dropped off 25 to 40 percent due to reduced marijuana farming. He does not like marijuana and has never used it, but he likes to make money. Marijuana does have a positive impact on the local economies in the areas where it is grown, especially where there are many small growers. One clerk was arrested for selling seeds after repeated requests from an agent posing as a grower. ●

GO MAN GO!!!



Dream about travelling to faraway lands? Wanna know where the best places are to get high? Let us plan your next vacation! Order these back issues before you buy those airplane tickets. We'll tell you where to go!

High Times



Oct/Nov '75 No. 6 Collector's Issue!

In the Land of Yage (Colombia). Interview: Dalai Lama. The Rastafarians. The Deep Dark Secrets of Chocolate. Tie n' Grass. Black Opium. Dope Behind Bars. A Portrait of the Artist as a Young Dope Smuggler. Smoking Jackets. Dope Rider.

\$25.00



Sept. 1976 No. 13 Rare Issue!

The Spectacular HIGH TIMES Guide to Jamaica. Bob Marley Interview. Herb by Peter Tosh. Talk Rasta. Eat Ras a Smoke. Rasta Dance. Rasta Dance. Rasta Theology. Kit Making in Morocco. How to Buy a Judge.

\$25.00



July 1978 No. 35

Nomad Special Magazine Insert — Japan the Himalayas. Lamu Hashish and Terrorism (by Dean Letmer). The Dope and Sex MAGIC of Aleister Crowley. Interview: Laraine Newman. The Inside Story: POT habitation.

\$15.00

July 1979 No. 47
Vagabond Coca Chewed in South America. Terror in Exile. Turning In to Smoking TV. Interview: Paul Shaefer. Til A Cheater's Guide to Pinball (by John Holmgren). The Hashish Club. (by A. Bar Givon). Scams by Michael Chance.

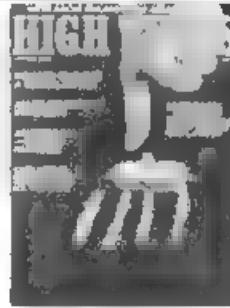
\$5.00



Oct. 1982 No. 86

O Amsterdam (by William Levy). Memoirs of an Old Weedhead. Interview: Allen Ginsberg. Expanded Grow American Feature. Grow houses. In Search of the Waas. Butt Rockin' on the Back of the Bus with the Fabulous Thunderbirds.

\$5.00



April 1983 No. 92

Special Jamaica Issue. Interview with Peter Tosh and Bunny Wailer. Ras a Tonic. Spirit Splash. The Street's Snakes. Dr McDope and the Great Cocaine Case. Doom by John Keel. Mountain Lays Down the Law.

\$5.00



Aug. 1983 No. 96

In Search of the Hash Fields of Morocco (by Ed Rosenthal). Tex-Mex Sex. Interview: Dennis Hopper. Destroy All Monsters. Fassbinder and his Friends. The Peashooter's Perplex (by Dean Letmer).

\$5.00



Oct. 1984 No. 110

Hammer of God: The African Hash Revue. My Friend the Gamma by Charles Bukowski. Psycho-surgery for kids. In Cocaine into view: Jamie Lee Curtis. Out of the Mouths of Khavas (by J. Kupferberg).

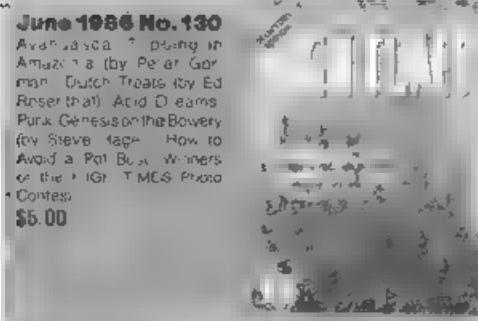
\$5.00



April 1985 No. 116 Limited Supply!

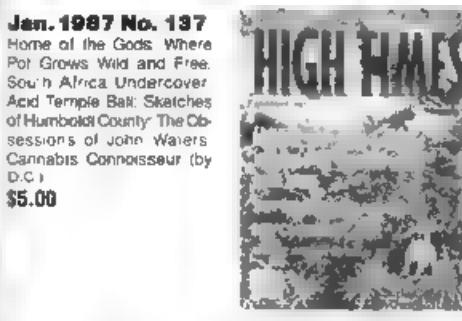
Special Jamaica Touring the High Way Gang. State of the Herb. Reggae Now. Times Square. For Sale: The Realist Lives. Paul Bartel Makes us!

\$15.00



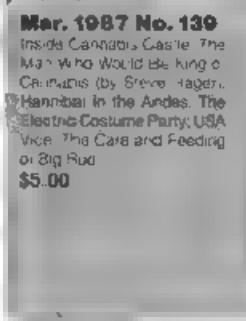
June 1986 No. 130
Ayahuasca. Playing in Amazonia (by Peter Gorman). Dutch Treats (by Ed Rosenthal). Acid Dreams. Punk Genesis on the Bowery (by Steve Lamm). How to Avoid a Pot Buzz. Winners of the 1986 TIME Photo Contest.

\$5.00



Jan. 1987 No. 137
Home of the Gods. Where Pot Grows Wild and Free. South Africa. Undercover Acid Temple Ball. Sketches of Humboldt County. The Obsessions of John Waters. Cannabis Connoisseur (by D.C.).

\$5.00



Mar. 1987 No. 139
Inside Cannabis Castle. The Man Who Would Be King of Cannabis (by Steve Lamm). Hanibal in the Andes. The Electric Costume Party. USA Vice. The Care and Feeding of Big Bud.

\$5.00

DO NOT SEND CASH! Send check, or money order payable to:

HIGH TIMES BACK ISSUES
211 East 43rd Street, New York, NY 10017

CHECK BOX:

<input type="checkbox"/> ISSUE # 6	PRICE \$25.00	<input type="checkbox"/> ISSUE # 96	PRICE \$ 5.00
<input type="checkbox"/> ISSUE # 13	PRICE \$25.00	<input type="checkbox"/> ISSUE # 110	PRICE \$ 5.00
<input type="checkbox"/> ISSUE # 35	PRICE \$15.00	<input type="checkbox"/> ISSUE # 116	PRICE \$15.00
<input type="checkbox"/> ISSUE # 47	PRICE \$ 5.00	<input type="checkbox"/> ISSUE # 130	PRICE \$ 5.00
<input type="checkbox"/> ISSUE # 86	PRICE \$ 5.00	<input type="checkbox"/> ISSUE # 137	PRICE \$ 5.00
<input type="checkbox"/> ISSUE # 92	PRICE \$ 5.00	<input type="checkbox"/> ISSUE # 139	PRICE \$ 5.00

TOTAL

NAME

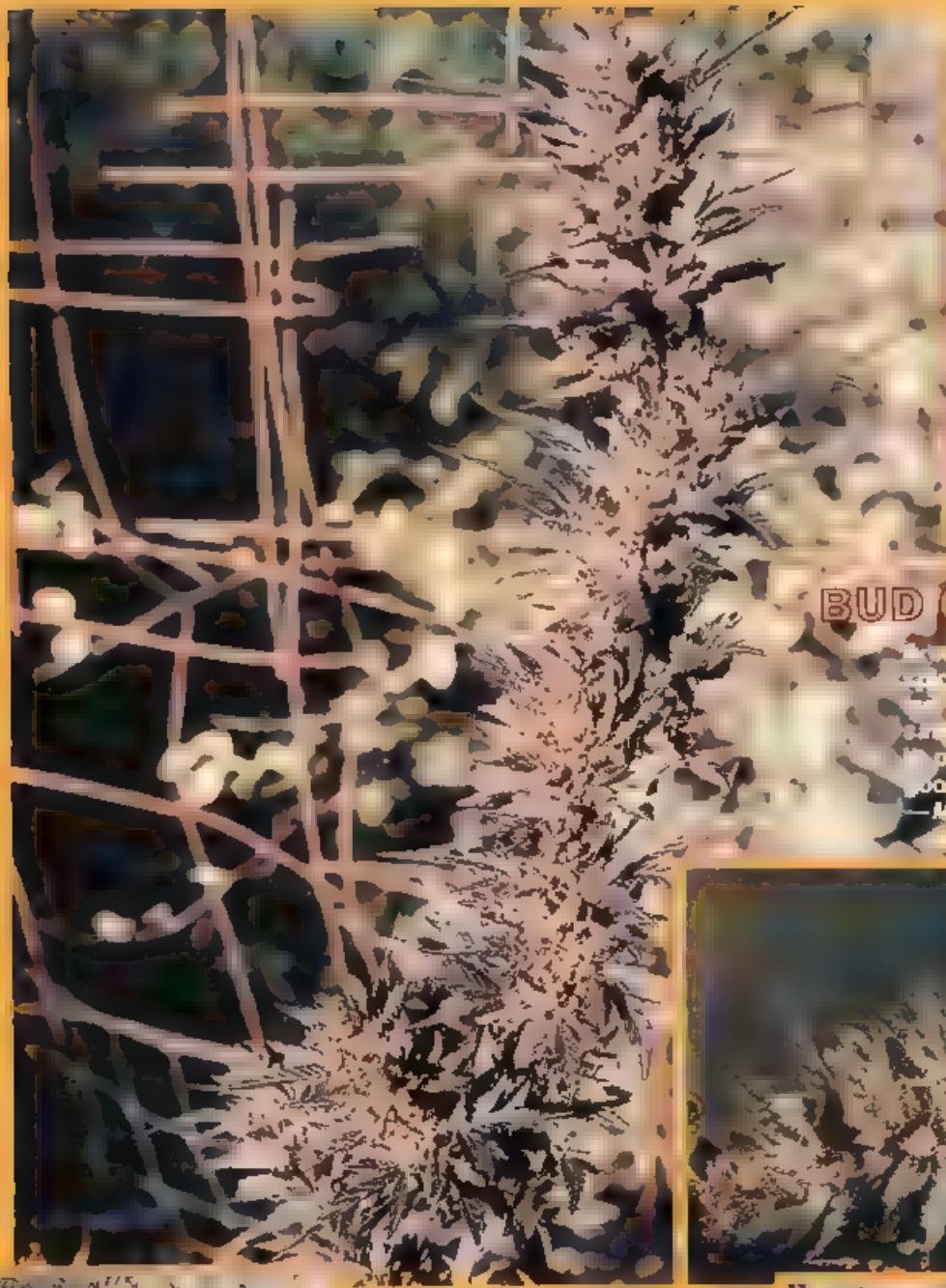
ADDRESS

CITY

STATE

ZIP

Send coupon or a facsimile. Please allow 6-8 weeks for processing and delivery.



ASK ED

BUD OF THE MONTH



GARDEN OF THE MONTH

This is a picture of my patch. The plants grew 10- to 12-feet tall with a big yield. I had about 52 plants growing in my backyard. The buds are tight and sweet.

I started planting the end of April. The plants were transplanted into 15-gallon containers in May. They had full sun. I use 20-20-20, then switch to 5-50-17 at the budding stage. The planting medium is a light soil mixed with perlite for drainage. The plants were harvested between October 10th and 15th, although some plants were ripe in late September. Some of the tops weighed over a half pound.

—Name Withheld
U.S.A.



PLANT OF THE MONTH

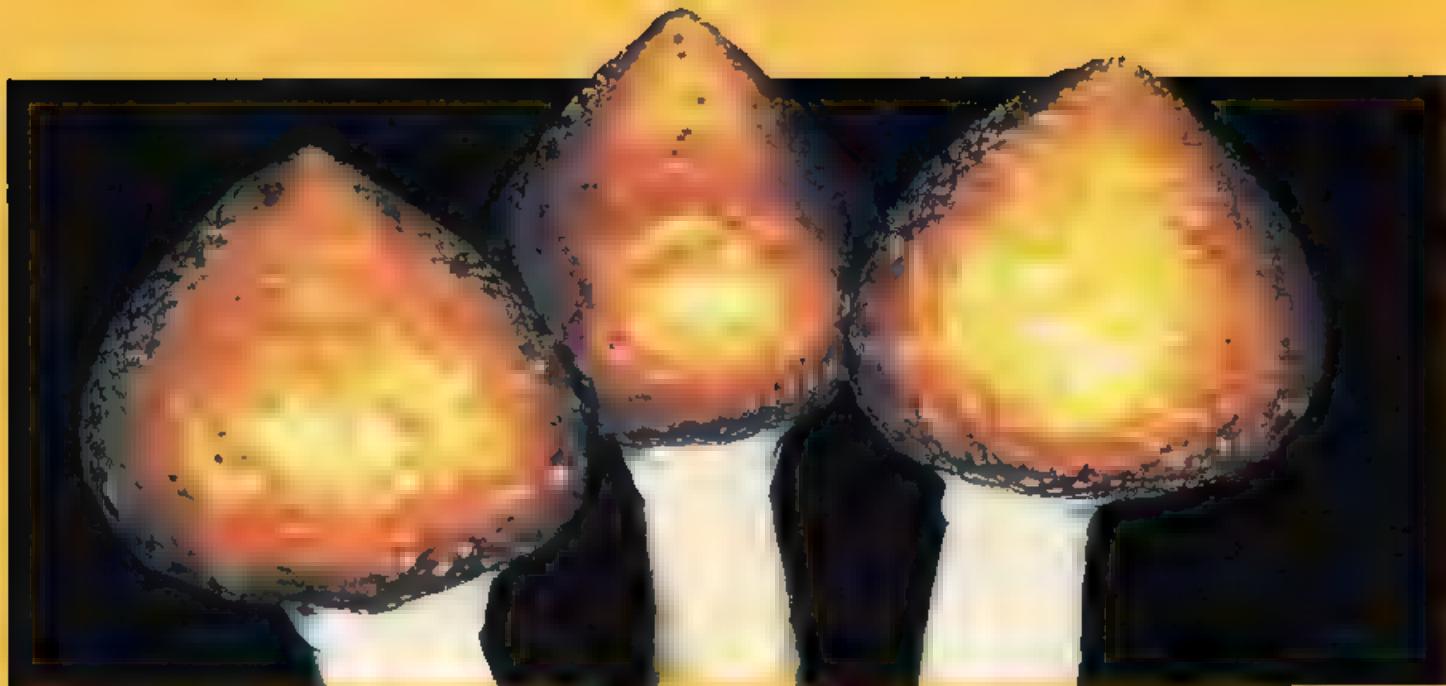
This heavy-yielding *indica* produced over a pound of incredible bud.

—G.F.

Brown County, Wisconsin

This month, Horner Grown helped to select the photo winners.

continued on page 71



Grow Wild Mushrooms Forever With The HOMESTEAD Mushroomkit

A decade ago, the Homestead Book Company introduced the first **Psilocybe Cubensis** Mushroomkit. Since then thousands of people have learned the joys of cultivating your own mushrooms.

Each Homestead Mushroomkit includes a life time supply of fertile spores and two pounds of our rich high-yield compost. You also receive supplies, reusable tools, and ten pages of instructions from Bob Harris' book **Growing Wild Mushrooms**.

TOLL-FREE ORDER LINE
800-426-6777 CREDIT CARDS
ONLY. (except WA, AK, and HI).
All others please call
(206) 782-4532



**HOMESTEAD BOOK
COMPANY**
Serving You Since 1972.

SECOND PRINTING
THE MUSHROOM CULTIVATOR
by Stamets and Chilton. A virtual encyclopedia for serious mushroom growers, with over 400 pages of detailed information and photos.



- Deluxe Psilocybe Cubensis Mushroomkit** \$50
- Spore Print** millions more \$25
- THE MUSHROOM CULTIVATOR** — Highly recommended \$25
- GROWING WILD MUSHROOMS** ... Simple guide \$9
- MAGIC MUSHROOM HANDBOOK** ... field guide \$11

Total Enclosed _____
VISA _____ MC _____ Expires _____
Card Number _____
Signature _____

Name _____
Address _____

Washington residents add sales tax. Foreign add 20% US Funds. Money Orders processed fastest. Sold in fine stores, too.



P.O. Box 31608 Seattle, Wa. 98103

(206) 782-4532

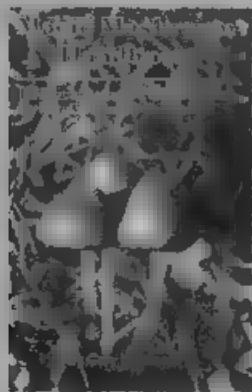
Dealer Inquiries Welcome

the HIGH TIMES bookstore

MAGIC MUSHROOM HANDBOOK

by Gary P. Meser

A pocket guide to collection, identification, and preparation of magic and poisonous mushrooms. Comes complete with glossary, extensive bibliography for further research, and color pix. HTB/10 \$9.95



compiled by Murphy Stevens

Simple directions and accompanying photographs make this book informative and easy to follow. Learn the best methods of growing marijuana indoors with lights. HTB/40 \$5.95



SINSEMIILLA

by Jim Richardson

A photographic tour de force of the virgin pot plants, with instructions on how to grow your own. HTB/1 \$19.95



by Paul Stamets

Literally everything you ever want to know about hallucinogenic mushrooms can be found within this book. Complete with dozens of color photographs, diagrams, and glossary, it will prove an invaluable addition to your psychedelic library. HTB/16 \$12.95



INDOOR/OUTDOOR

MARIJUANA GROWER'S GUIDE

by Mel Frank and Ed Rosenthal

The classic introductory work on cultivation. HTB/4 \$5.95

MARIJUANA



by Mel Frank & Ed Rosenthal

INDOOR

by Bill Drake

The most up-to-date information for the outdoor and indoor marijuana cultivator, with over 100 photographs, drawings, charts, maps and a special section on psychoactive tobacco. HTB/23 \$14.95



HOW TO GROW MARIJUANA

by M. Stevens

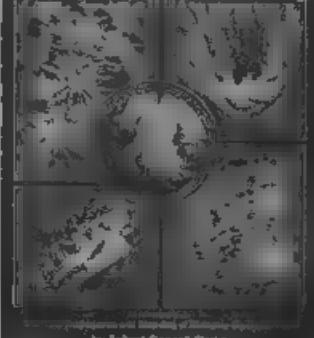
Grow marijuana all year long under lights with the help of this photo-filled book. Simple instruction, from germinating seeds to the proper lighting, help the home grower have a successful crop. HTB/41 \$7.95



by Robert Connell Clarke

Contains the newest data on all phases of cannabis cultivation. How quality is affected by climate, identifying male plants, harvesting, THC production and potency. HTB/46 \$14.95

Marijuana Botany



by Robert Connell Clarke

by Kayo

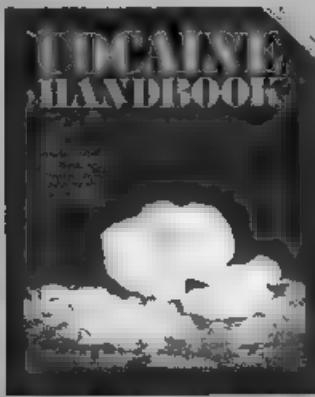
Written for the curious as well as the experienced, this technique tells how fewer plants in smaller pots can yield more cannabis of higher quality. The book includes photographs and illustrations. HTB/30 \$14.95



COCAINE HANDBOOK

by David Lee

An updated edition of a classic reference, written in the spirit of consumer protection. Includes sections on applicable laws, where to go for help with abuse problems, and the straight dope on health hazards, adulterants, and garbage freebase ("crack"). Fully illustrated. HTB/31 \$24.95



by Murphy Stevens

This book on growing marijuana indoors brings new information on pruning, curing and drying, as well as equipment, lights, and fertilizers for a more satisfactory homegrown crop. HTB/39 \$9.95

as told to Ed Rosenthal by U.B.

This book tells you how to brew your own delicious Hi-Brew Beer. Simple easy-to-follow instructions help you turn, shake and lower leaves into refreshing high-potency suds. HTB/49 \$9.95

HYDROPONICALLY

compiled by Patrick Daniels

All the information you need to grow your favorite plants in a fraction of the time it takes with conventional methods. HTB/45 \$7.95

HORTICULTURE

Jorge Cervantes

The book all indoor growers must have. It is the most complete, authoritative, up-to-date book on indoor marijuana cultivation ever! This 288-page edition is well illustrated with over 250 photographs, drawings and graphs. It is packed full of information on grow rooms, grow lamps, electricity, container gardening, water, fertilizer, hydroponics, air, CO₂, bugs, fungi, cloning, harvesting, breeding and it has a garden calendar, index, glossary and directory of indoor garden suppliers! HTB/42 \$14.95

INDOOR SEMI-MILLA

by G. Anthony Burgess

A basic primer on under-the-roof semi-cultivation, covering everything from seed selection, choice of grow media, equipment advice, plant care and preparation, and harvesting procedures. Illustrated with photos (color and B&W) and drawings. HTB/48 \$9.95

HASH MAKING

by D. Gold

Turn that moldy old bag of ditchweed into some hi-test hashish by simply following the method outlined in this book. Written specifically for the layman, with diagrams. HTB/13 \$5.95

by Antoni

A well documented presentation of how wholesale dope movers and narcotics officials actively collaborate in the international drug trade. HTB/21 \$8.95

by Ed Sherman

How to make a super-garden that will grow anything, anywhere, from scrap materials. HTB/27 \$5.95

THE ART AND SCIENCE

OF COOKING WITH CANNABIS

by Adam Gottlieb

More than just another collection of marijuana recipes, this book teaches the reader the nature of cannabis, how it combines with other foods and how it is best assimilated by the digestive tract. A must for anyone serious about cooking with grass. HTB/14 \$4.95

NOW AVAILABLE!

THE SECRET GARDEN

by George Lassen

Succinct, highly readable and well-illustrated. A good beginner's guide to outdoor cultivation with chapters on site selection, camouflage, sexing, predators and drying, among others. HTB/50 \$14.95

HYDRO-STORY

by Charles E. Sherman and Hap Brenizer

How to grow the easy way, get big yields from little gardens in your backyard, patio, apartment, etc. HTB/36 \$7.95

by Robert Sobbag

An all-out, nonstop, mind-jolting journey through the dazzling high-altitude world of an international cocaine smuggler. HTB/18 \$3.95

by Paul Stamets and J.S. Chilton

The definitive reference for the home mycophagist. Profusely illustrated with charts, photos (many in color), and easy-to-follow instructions. HTB/37 \$24.95

by Don Raye

An inside look at the pleasures and hazards of freebase cocaine. HTB/19 \$12.00

Please send me the books I have indicated below:

BOOK#	QUANTITY	X	PRICE =	COST
HTB/1	—		\$19.95	
HTB/4	—		\$ 5.95	
HTB/10	—		\$ 9.95	
HTB/13	—		\$ 5.95	
HTB/14	—		\$ 4.95	
HTB/16	—		\$12.95	
HTB/18	—		\$ 3.95	
HTB/19	—		\$12.00	
HTB/21	—		\$ 8.95	
HTB/25	—		\$14.95	
HTB/27	—		\$ 5.95	
HTB/30	—		\$14.95	
HTB/31	—		\$24.95	
HTB/36	—		\$ 7.95	
HTB/37	—		\$24.95	
HTB/39	—		\$ 9.95	
HTB/40	—		\$ 5.95	
HTB/41	—		\$ 7.95	
HTB/42	—		\$14.95	
HTB/45	—		\$14.95	
HTB/46	—		\$14.95	
HTB/48	—		\$ 9.95	
HTB/49	—		\$ 9.95	
HTB/50	—		\$14.95	

Subtotal \$

Sales tax NYS residents \$

Add \$1.75 shipping for each book \$

Grand Total \$

HTB _____ HTB _____ HTB _____ HTB _____ HTB _____

New York residents please add applicable sales tax. Alaska, Hawaii, Canada & Foreign add \$2.50 per book for postage and handling.

Make check or money order payable to H. T. Bookstore. Mail to: HIGH TIMES Books, P.O. Box 1645, Grand Central Sta., New York, NY 10017. Please allow 4-8 weeks for processing and delivery.

NAME _____

ADDRESS _____

CITY _____

STATE _____ ZIP _____

PSYCHOACTIVE Books by Phone

24hrs/day UPS-COD Visa/MC

We sell only books, have the largest selection and best service

STEAL THIS URINE TEST beating drug tests

PSYCHEDELIC CHEMISTRY authoritative lab gd

MUSHROOM CULTIVATOR best shroom guide

CULTIVATORS HBK of MARIJ. revised classic

INDOOR MARIJ. HORTICULTURE Indr high tech

DELUXE MARIJ. GROW GD. the best grow book

SPIRAL DLX MJ. GROW GD. lays flat & lasts

MARIJUANA BOTANY definitive guide to mj plant

SINSEMILLA TECHNIQUE kuya's sophisticated

MARIJUANA ALERT dangers of smoking pot

PEOPLES PHARMACY guide to medical drugs

MARIJUANA MOONSHINE VIDEO O vhs course

MARIJ. GROWERS HBK indoor greenhouse edn

ED ROSENTHAL'S MJ GROWING TIPS useful

MARIJ. QUESTION? ASK ED pics, q&a, advice

MARIJUANA YOUR LEGAL RIGHTS legal guide

THE MARIJUANA QUESTION hazards of pot

SECRET GARDEN MARIJ. hidden gardens of pot

MOKSHA psychadelic writing of A. Huxley

SHAMAN WOMAN women writing on drugs

DRUG ANTIQUES guide to drug collectibles

DESIGNER DRUGS ecstasy, crack, china white, etc

THE CULTIVATOR pot Head romance

INDOOR/OUTDOOR MJ GROWERS GD Intro bk

MARIJUANA GROWERS GD. cassette tape

MARIJUANA POTENCY up potency, hashmaking

SINSEMILLA marij. flowers, color photos, sexing

MARIJUANA BEER how HiBrew it made

MARIJUANA AS MEDICINE medical uses of pot

MARIJUANA MEDICAL PAPERS classics

PRIMO PLANT mountain girl shows how to do it

CANNABIS ALCHEMY isomerizers, hash oil

SEX DRUGS & APHRODISIACS sexual highs

FROM CHOCOLATE TO MORPHINE A. Well

DIARY OF A DRUG FIEND by A. Crowley

PSYCHEDELICS ENCYCLOPEDIA total classic

LSD MY PROBLEM CHILD by A. Hoffmann

MAGIC MUSHROOM HBK pocket field guide, pics

PSYLOCYBE MUSHROOMS & their allies

COCAINE HANDBOOK best essential reference

COCAINE PAPERS by Sigmund Freud

COCAINE CONSUMER HANDBOOK testing

800-COCAINA professionals help users quit

CASH CROP Humboldt County saga of pot fields

COCAINE CONSUMER Cassette tape of classic bk

GETTING OFF COCAINE natural way to quit coke

PLEASURES OF COCAINE bk may save your life

WEED adventures of a dope smuggler, mexico

THE WAY OF HERBS wonderful guide to healing

UNDERGROUND COMIX history w/ 1000+illusts

SUMMER OF LOVE Haight Ashbury history/photos

INTELLIGENCE AGENTS Tim Leary on higher mind

LOVE IS HELL Greening's rabbit's make out

CRACK the new coke epidemic

PHYSICIANS DESK REFERENCE Dr's drug guide

select books above and write book price SUBTOTALS

FREE USA shipping ON ORDERS OVER \$35.00 (no HI or AK)

otherwise add \$3.00 per book for USA shipping

Canada add \$3 per book, other Foreign add \$5 per book

COD fee \$3 Card fee \$2 POBox (no CODs) fee \$2

California residents add 7% sales tax

CHK or MO for Books & fees TOTALS

Checks payable to Books-by-Phone (personal checks held to clear)

credit card. MC Visa Exp date

card #: _____

Name _____

Address _____

City _____ State _____ ZIP _____

I am over 21 (sign)

Drug education information for adults ADULTS ONLY

To provide information in accord with 1st Amendment.

Offer void where prohibited by law. No warranties are made.

Use is not advocated. Consult your physician.

Order by phone MC/Visa or UPS-COD

800/858-2665 natl 800/992-2665 Calif

415/548-2124 Information, manager

Box 522 Berkeley, CA 94701

call or write for our free catalog

A - S - K - E - D

continued from page 71

potent as a stand of Kansas hemp. Only if we stick together can we impede the forces of repression.

DEA agents know that drug users are usually recidivists. Once they have an Informer, they keep him on line by making sure he constantly has skirmishes with the law so that the cops can trade freedom for information. The cops can squeeze and squeeze until the individual becomes a pitiful rag which the cops toss away into prison once they are done with him. Perhaps he will meet some of the "buddies" he squealed on in prison.

Let this interchange be a lesson for all HIGH TIMES readers. If you know that someone has turned before, never let the person know that you are doing anything illegal. Never even talk with him in the vaguest way about anything that can be implied to be illegal. You will never know when that individual may feel the need to turn again.

These remarks are made to everyone who might be in contact with a snitch. No matter what relationship you may have with them: parent, child, sibling, lover, friend or business associate.

Dear Ed,

I was taking some cuttings the other day and discovered I have a "blue-blooded" plant. This is the first plant I have ever had like this. When the stem was severed, a bright, almost blood red-colored sap oozed out. When I wiped this on a piece of white paper the color was in fact blue or purple. The strain is Mexican and no other plants from this variety seem to exhibit this trait. The plant looks very healthy. Have you ever encountered such a phenomenon? Could I possibly have stumbled across the lost genes from the fabled "Zihuatenejo Purple"?

Thanks,

—D.C.

Woodland Hills, California

I have seen plants with red or purplish sap, but the fabled Zihuatenejo Purple was a plant whose leaves and buds were entirely purple. While I never saw a live plant of this variety, I have seen photos. The variety existed.

Dear Ed,

A quick tip from a friend who used to be a cop. He told me that if you "feel the heat" and clean your house or apartment don't forget to get rid of the sweater bag. He said that you wouldn't believe the number of people that get busted for weed, seeds, and leaves found in the vacuum bag. Talk about dirty!

—M.C.D.

Ohio

Dear Ed,

I have only females of a superior strain. Can the plants be stressed to produce signs of hermaphroditism? I want seeds for the future when cloning may be impractical.

—The Beefer,

New Port Richey, Florida

A reliable method of producing male flowers on female plants would be a boon to farmers and breeders alike. The male plant is the weak link of every breeding program. People spend hours deciding which females to breed, and then almost arbitrarily choose the male. Yet the male contributes half of the genetic material to the new plant no matter whether the progeny is male or female. If male flowers could be included on female plants, direct female-to-female breeding programs could be initiated. Of course the female plants would carry only female chromosomes even though they have male flowers. Since the plants have no male genetic material all of the seed resulting from these crosses would be female.

I have received a number of letters which claim that either aspirin or gibberellic acid—available at some nurseries and mail-order companies—induces male flowers in plants. However, in experiments which I personally observed, these chemicals did not induce male flowers in various varieties of marijuana. Perhaps the timing of treatments affects the results.

Some plants which had only female flowers throughout the flowering cycle, produce male flowers as the females are going through the last stages of ripening.

Hermaphroditism is a result of both genetic and environmental causes. Some hemp-type varieties of cannabis have been bred to be monoecious. These varieties have been bred for uniform fiber strength and uniform harvesting, since there is little or no sexual variation in the monoecious types. In some varieties, a higher proportion of males is produced under short-day regimes at germination. Other reports indicate that more males are produced under stress conditions.

Dear Ed,

We have two questions.

If marijuana has a gene for dwarfism, does it have one for giantism?

We are having trouble with sluggish rooting of clones. Would application of rooting hormone to the mother plant help?

Thanks,

—Larry,

Milwaukee, Wisconsin

It is possible that there is a gene for gigantism. Researchers have not encountered it yet.

Remember the requirements for fast rooting of clones.

1. Chemicals: Use a good rooting agent. Probably the most effective propagation promoter is Dyna-Gro Root-Gel manufactured by the Dyna-Gro Corp., Novato, California. Some growers swear by Olivia's Propagating Liquid. While Rootone does not seem to be as effective, it will do in a pinch.

2. Fertilizers: After two days feed the cuttings with a low nitrogen (N) high phosphorous (P) fertilizer $\frac{1}{4}$ strength. Increase fertilization to $\frac{1}{2}$ strength as the first roots grow, and full strength grow formula as soon as vigorous leaf growth resumes.

3. Temperature: Keep the temperature in the rooting medium in the low to mid 70s. Horticultural heating cables and pads and fish tank heaters can be used to maintain temperature in cool areas.

4. Medium: Make sure that the cuttings are kept in a medium able to supply them with plenty of water and oxygen. Oasis floral foam cubes, vermiculite mixes, rock-wool, and water have all been used as mediums. All of them can have great success rates with appropriate care. The easiest method is probably to start the cuttings in water and place them in a solid medium as soon as the first roots bud from the stem.

5. Oxygen: The stems and young roots require oxygen. Ordinarily, water has quite a bit of oxygen dissolved in it. That is what fish breathe. Shaking it up saturates it with oxygen. Rooting mediums should be saturated with water, but maintain air pockets. This is easily accomplished with vermiculite mixes. When water is being used as the medium it should either be changed daily, or oxygenated using a small aquarium pump and bubblers.

6. Humidity: The cuttings should be kept in a high humidity environment. This can be easily achieved by placing a transparent cover over the rooting container. It should not be airtight, but it should be able to retain the high humidity. Make sure that the cover does not keep in too much heat.

7. Light: The cuttings should not receive as bright a light as vigorously growing plants. Place them three feet from HID lamps until roots are visible.

8. Cutting Size: Cuttings can be made any size from $\frac{1}{2}$ inch up. Soft stems root better than woody stems. Trim the larger leaves off the cuttings so that the stem's ability to draw water is not overtaxed.

continued over

Plant Hormones
Amazing Results
Totally Unique
Absolutely Safe



Plantastic
PLANT
PRODUCTS

Do you want more female plants with virtually no extra effort?
Do you want to maximize your yield within the space you have?
Do you want a product that works in soil or hydroponics, indoors or out?
Are you using any plant hormones now?

SENSA-SOAK

A germinating fluid to promote more female plants from the very beginning of cell division in these seeds. Up to 95% females produced in some tests. Contains a special cytokinin. Just soak your seeds.

35 ml. \$9.95

SENSA SPRAY

A foliar spray to increase female flowers and decrease male flowers. All it takes is to spray before the plant starts blooming. Produces ethylene to force female traits.

1 qt. conc. \$9.95

POWER BLOOM

Shortens vertical height. Eliminates wasted plant energy. Encourages lateral growth. Produces compact, sturdier plants with better overall vigor. Promotes more females with more numerous, bigger and earlier maturing buds.

2 qt. conc. \$14.95

LARGER SIZES AVAILABLE

— Quick, send me a free catalog with more information.

Add \$2.00 Shipping and Handling Per Order. No COD

Mail to

PLANTASTIC PLANT PRODUCTS
1442A Walnut St
Berkeley CA 94709

OR Call 24 hr. Toll Free Number
Nationwide 800 227 1617 Ext. 453
In California 800 772 3545 Ext. 453



**THE MARIJUANA '87
SEED CATALOG**

F R E E

THE MARIJUANA

CATALOG '87-'88

40 COLOR PICTURES

**TOP QUALITY MARIJUANA SEEDS
INDICA'S, SATIVA'S AND HYBRIDS
U.S.-TOP STRAINS AND EXOTICS**

**CAREFULLY BRED FOR INDOOR AND
OUTDOOR GROWING**

**MARIJUANA SEED BREEDING AND
PRODUCING IS OUR PROFESSION**

**SUPER SATIVA
SEED CLUB**



**EXOTIC SEEDS FROM
AMSTERDAM**

ALSO AVAILABLE

S.S.S.C.'S

DUTCH HIGH TECH GROWERS GUIDE

- COLOR PICTURES
- EVERYTHING ABOUT THE GROWING MEDIUM OF THE FUTURE ROCKWOOL
- NEW TIPS ON OUTDOOR GROWING
- EVERYTHING ABOUT MAKING CUTTINGS
- INSTRUCTIONS TO ENABLE YOU TO OBTAIN AN INDOOR HARVEST OF 3-4 POUNDS OF DRIED BUDS PER 10 SQ FT PER YEAR

PRICE \$5 + \$2 FOR SHIPPING
AND HANDLING CASH ONLY

YES! PLEASE SEND ME A FREE COPY OF THE MARIJUANA SEED CATALOG '87-'88

ENCLOSED IS MY \$7 CASH FOR A COPY OF S.S.S.C.'S DUTCH HIGH TECH GROWERS GUIDE

NAME

ADDRESS

TOWN

STATE/ZIP

SEND VIA AIRMAIL TO:

S.S.S.C. - POSTBUS 1942
1000 BX AMSTERDAM - HOLLAND

A N E W A G E S E R V I C E



NORTHERN HYDROPOONICS

Introduces
"THE EBB-N-FLOW TABLE"

Goldmine of the
Matanuska Valley

THE SEED CLUB SAYS

"This system is designed for
maximum output out of
minimum space."

Dutch technology has never
been so available until now!

PRODUCTS:

- The Ebb-n-Flow Table
- Rockwool
- Horizontal lights
- Individual chemicals for nutrient
solution "Ask about F.M."
- PH & EC meters
- Organic pest control

For FREE Brochure &
Price List Call or Write

1-800-327-0318

Northern Hydroponics

P.O. Box 873789
Wasilla, Alaska 99687-3789

Visa & Mastercard
Accepted



The High Tech Gardening Supplier

Modern Agriculture - Horticulture

H.P.S. CONVERSION BULB



For All Your Growing Needs

Est. 1963

AVAILABLE
HERE!

151 ALKIER ST. BRENTWOOD
N.Y. 11717 (516)231-9472

VISIT OUR SHOWROOM
MON-FRI 12-6:30
SAT 10-6:30

Halides, H.P.S., Hydroponics,
Nutrients, Growing Mediums,
CO₂ Units, Exhaust Blowers,
Pots, Saucers, Much More

Free Gift With Each Light Order

© COPYRIGHT 1987 MAH

Orders outside NY 1-800-227-9351

C.O.D.



★ LAMPS (BULBS) UNLIMITED ★

1-509-246-0429

* 1 year warranty

• METAL HALIDE (BULBS ONLY)

	PRICE EACH
1000 HALIDE (MH1000/BU) CLEAR	\$62.00
1000 HALIDE (MH1000/BU) COATED	\$62.00
400 HALIDE (MH400/BU/CL)	\$45.00

• HIGH PRESSURE SODIUM

1000 HIGH PRESSURE SODIUM (LU1000)	\$69.95
400 HIGH PRESSURE SODIUM (LU1000)	\$45.00

• HIGH INTENSTINE FLUORESCENT TUBE

(89 % OF SUN SPECTRUM) BOX OF 8	\$69.95
---------------------------------	---------

C.O.D.'S ACCEPTED WITH 20% DEPOSIT

DEALER INQUIRIES WELCOME

TO ORDER SEND MONEY ORDER OR CERTIFIED CHECK TO:
LAMPS UNLIMITED P.O. BOX 599, SOAP LAKE, WA 98851

Prices do not
include shipping
& handling

A - S - K - - E - D

continued from previous page

Dear Ed,

I make hash oil and I used David Hoye's "double wash oil" technique using unleaded gas. But the stuff still has a bad smell. I am wondering if there is any way of getting rid of this odor.

Sincerely yours,

—Grower from Illinois

Gasoline is composed of hydrocarbons which are carcinogenic. Any odor is an indication of the presence of the substance. So it is not safe to use the oil. Rather than trying to remove the gasoline from the oil later, I suggest that you start off instead with a cleaner liquid, such as petroleum ether or ethyl alcohol, neither of which leaves residue.

Dear Ed,

Is it possible to turn an indoor crop a yellow or gold color by leaving the plants in total darkness before harvesting them? Would doing this have any effect on potency?

—Phil

Buffalo, New York

Chlorophyll is the green pigment in plants which is used in photosynthesis. This is the process which combines elements from water (H₂O) and carbon dioxide (CO₂) to produce sugar, the basic building block of plant tissue. In order to manufacture chlorophyll the plant requires light. Since chlorophyll is constantly being broken down and replaced as part of the life process, plants which are deprived of light become pale green and eventually turn almost yellow.

This is not a healthy state for the plants to be in, as they are basically starved of food and living off reserves. In a section of a garden where the sole light was broken for 10 days, buds were attacked by fungus while plants in the other sections remained healthy. Depriving plants of light not only uses up their sugar and starch reserves, but also halts all growth, since growth is dependent on photosynthesis and the energy of light.

The "cured" cannabis imported from Thailand and Colombia loses its green color after it is picked. The buds are placed in piles and exposed to the sun while they undergo a controlled anaerobic fermentation. Within a few days the chlorophyll is destroyed, leaving the other pigments to lend their yellow and red colors to the tis-

continued on page 80

Downey

continued from page 25

politics working as a volunteer for both John and Robert Kennedy's presidential campaigns. In the early '70s, he left the world of entertainment to become a lobbyist for the Canteen Corporation. During this period, he served as a member of the Democratic National Committee, and helped write the platform for George McGovern's campaign. "I was a pablum-puker back then," he admits.

Downey's roots in Roman Catholicism, his financial success as a vice president for Canteen, and his growing conservatism all led to a split with the Democratic Party in 1976, shortly after Jimmy Carter was elected President.

In 1980, he became a national candidate for the short-lived American Independent Party, running as an anti-abortionist. A year later, he obtained a mail-order Ph.D. in political science from Valley Christian University, a non-accredited school located in Fresno, California. The school is a one-man operation run by Robert L. Poston. When asked about the program, Poston assured HIGH TIMES of its rigorous standards. "I don't know of anyone who's completed the Ph.D. program in less than a year," said Poston. (Valley Christian University has since moved to Georgia for tax purposes.)

Although Downey has no real college degree, he began billing himself as Dr. Downey. His career as a radio talk show host began in Cleveland on October 20, 1984. Within a year he'd received several death threats and was even shot at, but his show was a ratings success, and Downey was soon lured away to WMAQ in Chicago, where he remained until November 1987.

Downey has been married three times and has three daughters. Knighted by the Vatican for his efforts against abortion and other humanitarian causes, he also has published a book of poetry.

"Mort will do anything to become a star," says a former business associate who wishes to remain anonymous. "He's a great actor, and he's very media savvy. He knows how to play to the camera and can argue both sides of an issue equally well."

Although Downey's initial ratings haven't been all that impressive, he has garnered an unusual amount of publicity, and tickets for the show—limited to 150—have been hard to obtain. Not all the publicity has been good: in December Downey was accused of slapping Andy Humm, a gay rights activist, during a taping of the show. The show was never aired, since Humm announced his intentions of suing Downey and his producers. "I'm not claiming bodily harm, but it was humiliating," says Humm, who is asking for \$500,000 in damages. ●

LETTERS

continued from page 14

YUPPIE CONFESSION

By most people's standards, I guess I'm a yuppie. But my friends and I enjoy the high life and my favorite pastime is growing dope! So, what's all the fuss about? I'm on your side. The time you spend putting me down would be better spent growing dope or getting high. Let's stick together, all right?

—J.B.

Watertown, New York

Most yuppies do not grow marijuana because they're too busy snorting cocaine while driving their BMWs and listening to Genesis on their CD players. Yuppies will never find solace in these pages. That's what Esquire, Rolling Stone, and GQ are for.

SWEDISH SCENE PALES

It was so nice to see Michael J. We don's story on "The Swedish Invasion." But I have a problem with the last paragraph, where Weldon states: "It is the first new and significant music movement of the '80s." Where the fuck has this guy been? What's happening in Sweden is only a faint reflection of what's already happened here in the last decade. The Swedish scene pales in comparison to what's happening in the U.S. and Australia.

—Rev. Joseph Longone
Publisher, Fuzbrains Magazine
P.O. Box 2436
Worcester, MA 01613

READERS' REQUEST LINE

Why are you ignoring the obvious solution to the personal tragedies that have resulted from cocaine abuse? Let's see some articles on growing coca plants and the preparation of the leaves for chewing, smoking, and drinking. In this context, coca is one of the most non-addictive substances known to man! By advocating cocaine in its natural form, HIGH TIMES can benefit humanity and make the government look like the total assholes they really are.

—The Coca-Bola Heroes
Bridgeport, Connecticut

INDOOR / OUTDOOR
GROWING SUPPLIES



HYDROPONICS!

MAXIMUM LIGHT Our new horizontal Maximum Light. The most efficient safest light on the market today. Also stocking U.L. Listed Professional Greenhouse Lights



DIAMOND Vertical Lights

1000 w Super Metal Halide \$199

1000 w H.P. Sodium • Organic Fertilizer

400w Halide & H.P. Sodium • Books • PH Meters

Hydroponic Systems • Books • Containers

ORGANIC BAT GUANO • Grow Bags • Soilless Mixes

Light Movers • Drip Watering • Pumps • White Plastic

ECO & DYNA Grow • CO2 SYSTEMS • WORM CASTINGS

CO2 SYSTEMS • Negative Ion Generators • Reflective Mylar

Exhaust Fans • Air Filters • Water Bug! A SALE? NO....

REGULAR ALASKA MOR BLOOM PRICES

FISH EMULSION - 32 oz. \$3.00

HIGH NITROGEN BAT GUANO per lb. \$3.90

25 lbs. BAG \$40.00

HIGH PHOSPHOROUS per lb. \$4.50 25 lb. BAG \$50.00

ROCKWOOL IP-15-75 GROW SLAB \$5.25

ROCKWOOL DM-4-8 CUBES \$2.30

HIGH PHOSPHOROUS SEABIRD GUANO 1 lb. \$4.50 2 lbs. \$8.00

PH & DIST PENS \$55.00 ea. WISS SNIPS \$10.00

140 CFM EXHAUST FANS \$45.00

CALL FOR CATALOGS

N.Y. (718) 727-9300

USA (800) 255-0121

EAST COAST HYDROPONICS

432 Castleton Avenue

Staten Island, New York 10301

**THE WAY TO GET
CONTROL OF WHAT'S
BUGGIN' YOU!!**

INTRODUCING: THE
TERMINATOR
AUTOMATED CONTROL OF
SPIDER MITES & OTHER
INSECTS!!! 100% EFFECTIVE
SAFE TO USE. NON-TOXIC
SAY GOODBYE TO MITES!
SEND FOR FREE BROCHURE.

OLIVIA'S SOLUTIONS
5825 TELEGRAPH AVE. #62
OAKLAND, CA 94609

KEEP YOUR PERSONAL RECORDS WITHOUT WORRY
OF DISCLOSURE ON OUR COMPUTER SOFTWARE
THAT IS SPECIFICALLY DESIGNED FOR THE GROWER
SECURE PASSWORDS THAT YOU DETERMINE ASSURE
ONLY YOU WILL KNOW HOW TO ACCESS YOUR INFORMATION

*** **SAFE-FILE** *** \$9.95
FIRST LEVEL PROGRAM DOES PRICE AND WEIGHT
CALCULATIONS AND ALSO MAKES LABELS
SECOND LEVEL PROGRAM KEEPS YOUR PERSONAL
INFORMATION RECORDS ON A DOUBLE ENTRY LEDGER
KNOW WHO WHEN WHAT TYPE WEIGHT PRICE
PAYMENT BALANCE ALL ON ONE SCREEN AT YOUR
FINGERTIPS

BOTH LEVELS PROTECTED WITH YOUR PASS
WORDS, AND WILL SELF DESTRUCT UPON INTURSIONS

*** **YEARLY REPORTER** *** \$9.95

A YEARLY CROP OBSERVATION PROGRAM FOR
YEARLY COMPARISONS AND GRAPHING OF YEAR
END RESULTS, ALSO USING OUR SECRET ENTRY
TECHNIQUE

SINSE-MARE
P.O. BOX 771039 / MICHIGAN, MI 49277
316-945-8700
VISA AND MASTERCARD ACCEPTED
CONFIDENTIALITY ASSURED

PIGGY MALONE'S



NOMAD Catalog of
smoking accessories, gifts,
etc. Send \$1 postage & handling
refundable with first order to:
P.O. Box 10073
Berkeley, CA 94709

DISCOUNT BOOKS

THE MUSHROOMS & THEIR USE	\$9.95
PSYCHEDELIC MUSHROOMS	\$10.95
MAGIC MUSHROOM HANDBOOK	\$9.95
PSYCHEDELIC CHEMISTRY	\$12.95
INDOOR MARIJUANA CULTURE	\$13.95
MARIJUANA BOTANY	\$11.95
MARIJUANA GROWERS GUIDE	\$17.95
MARIJUANA CANNIBIS HANDBOOK	\$18.95
PISTACHIO NUTS IMMEDIATE DELIVERY	
15. P.O. BOX 420436 Book City, CA	
SACRAMENTO, CA 95842-4496	
LOWEST PRICES — BEST SERVICE	

SINSEMILLA TIPS MAGAZINE

THE SOURCE FOR MARIJUANA INFORMATION
INDOOR & OUTDOOR CULTIVATION TECHNIQUES,
POLITICAL NEWS, COMMENTARY & SATIRE,
LIFESTYLE AND MUCH MORE SINCE 1980!
EACH QUARTERLY JOURNAL SENT IN SEALED BROWN
ENVELOPE. WE DO NOT SELL, RENT OR GIVE AWAY
OUR MAILING LISTS. WE'VE EARNED YOUR TRUST!
SEND \$6 FOR SAMPLE COPY OR \$20 FOR 1 YEAR SUBSCRIPTION

NEW MOON PUBLISHING, INC.

PO BOX 90, CORVALLIS, OREGON 97339

503-757-8477

SALE SALE SALE

**BLUE CAPS OR
PINK HEARTS** ★
★ 200 Mg. Cap \$15.00/1000

MINIS - STIMULANTS

Spurious Love Paks

★ Energy Plus ★ Manpower
★ Seduce Her ★ Spanish Fly
★ Hard On Pills \$5.00

Condoms ★ French Ticklers

ADCO #810-024-2037

Box 7785, GSO, NC 27407



**The HIGH TIMES Classified Reaches Over 2 Million People Each Month.
Whether Your Message is for Business or Pleasure,
put it in HIGH TIMES for Maximum Results.**

RATES

One-time ad \$5.00/word

Discount for contracts:

Three consecutive ads \$4.75

Six consecutive ads \$4.50

Twelve consecutive ads \$4.25

CLASSIFIED DISPLAY

\$150 per column inch

Column width is 1 5/8 inches.

Discount for contracts:

Three consecutive ads \$140/inch

Six consecutive ads \$130/inch

Twelve consecutive ads \$120/inch

All display ads must be delivered camera ready

TO ORDER

MINIMUM AD IS TEN WORDS

Post Office Box #'s and telephone #'s count as two words each.
All ads must be typewritten.

**ALL ADVERTISING MUST BE FULLY PAID IN
ADVANCE WITH CHECK OR MONEY ORDER, NO CASH**
Ad will appear 60 to 90 days after receipt.

All ads are accepted at the discretion of the Publisher
No advertisements for chemicals, chemical supply houses,
formulas, extraction methods or synthesis reports will
be accepted.

Call for Advertising Acceptability Policy (212) 972-8484

Mail to: HIGH TIMES Classified

211 E. 43rd Street, New York, NY 10017

Please include a sample of your product or catalog with your ad, and
your street address and phone number.

1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30
31	32	33
34	35	36
37	38	39

Cost of Ad

_____ words at _____ per word = _____ Total

Payment must be enclosed with order

(Check or money order only, please)

Name _____

Address _____

City _____ State _____ Zip _____



"Simply the place to be," claims Summerset Village in Negril, Jamaica, and we couldn't agree more. At Summerset Village, located in Negril's West End Cliff area, cottages and bungalows surround a freshwater pool. Prefer the ocean? Summerset Village is a mere 300 yards from the Caribbean and 2½ miles from Negril Beach. All rooms come complete with ceiling fans and hammocks, kitchen facilities and utensils, and a daily maid service to make your stay as laid back as possible. The Village Restaurant and Bar on the premises offers exciting cuisine with an easy-going, relaxed atmosphere. You can dine poolside under the star-filled sky for an unforgettable experience. For more information, contact Sunburst Holidays: "We make Jamaica...no problem" — (800) 223-1277.



NUTRIENTS

for Professional Growers
Use Only the Best!

- Exacting quality control for soil or hydroponics
- Including all proportionate chelated micro-elements
- Self-adjusting pH stays balanced
- 100% soluble powder concentrate
- 1 lb. per 100 gallon of water (2000 p.p.m.)

ORDER NOW!

No. of Lbs.	Root Starter	No. of Lbs.	Foliar Spray
<input type="checkbox"/>	10-65-10	<input type="checkbox"/>	32-10-10
		<input type="checkbox"/>	25-0-25
A.I. Purpose:			
<input type="checkbox"/>	15-10-13		
Vegetative:			Bloom Booster
<input type="checkbox"/>	20-6-16	<input type="checkbox"/>	9-30-12
<input type="checkbox"/>	20-10-20	<input type="checkbox"/>	6-30-30

One lb. \$9.95/3 lbs. \$24.95/ + \$2 P&H
Indicate no. of lbs. in boxes above.

Name: _____
Address: _____

Send check or M.O. to: Foothill
Hydroponics, 10705 Burbank Blvd.
N. Hollywood, CA 91601.

Chemicals separately available upon
request. For more info, call: (818) 760-0688.



WHIRLIGIG LIGHT TURRETS

The Original Automatic Light Rotator!

- ADJUSTABLE-GETS LIGHTS WITHIN AN INCH OF PLANTS WITHOUT BURNING
- WORKS WITH ANY SYSTEM
- COVERS AREAS 8' SQ MIN TO 14' SQ MAX.
- LIFE TIME GUARANTEE ON ALL PARTS
- MOTOR 1 YEAR GUARANTEE
- TWO MINUTE CYCLE
- SOLD AT MOST INDOOR GARDEN STORES

Best Buy for the Dollar! \$119.00

For more information write or call:

THE REED COMPANY
16714 S. MERIDIAN ST. #239
PUYALLUP, WA 98373
(206) 847-7601 IN WA

1-800-826-8259



A - S - K - E - D

continued from page 76

Dear Ed,

I read that seltzer water is a source of CO₂. If you lose the carbonation in the water, do you lose the CO₂?

Thank you,

— Derby Town Grower,
Louisville, Kentucky

For the most part. A small amount of CO₂ probably remains dissolved in the water.

The bubbles in seltzer water are formed when CO₂, which is dissolved in the water, returns to its gaseous state. Under pressure, the water can hold a lot more CO₂. When the pressure is released by opening the bottle, the water becomes super-saturated and releases the gas.

While not too cost-effective for large plants, which use copious quantities of CO₂, seltzer sprays are an easy way of supplying CO₂ to seedlings and small plants.

By the way, there is a difference between seltzer water and club soda. Club soda contains added salt, which is not good for the plants.

Dear Ed,

After putting my females through the budding stage, and after harvest, can I get the plants into vegetative growth stage again to take good quality clones off them? How long should I wait before taking the cuttings. Should the cuttings be soaked in water 24 hours before treating them with rooting hormone?

— G. Otto Know

Cape Cod, Massachusetts

Dear Ed,

How long must you leave rejuvenated plants in their vegetative stage to achieve maximum potency? Do they begin their life cycle over again?

— Sergeant "D"

Texas

Plants can be regenerated after harvest by putting the lights back on continuous cycle. Make sure to leave some green leaves on the plants or they will not grow. You can take cuttings once the plants reach an adequate size for your purposes. Treat the cuttings with rooting hormone when you place them in their rooting space.

The regeneration cycle looks like the plants are starting their growth all over again. The first leaves are single-fingered. The next set has three fingers and the next five or seven. However, the plant's infrastructure (root system and stems) are already in place so the plant can put its energy into leaf production.

Dear Ed,

I read about the Sea of Green method which seems ideal. I took 80 cuttings. On 40 of the cuttings I used the S.S.S.C. method—18 hours of light a day. On the other 40 I used continuous light. Twenty-one days later I had nine plants rooted using the S.S.S.C technique. They looked very sick and weak.

On the other hand, the 40 with continuous light all rooted and are looking great.

My question is how many plants can I grow per square foot?

—D.D.

Knoxville, Tennessee

Thanks for the experimental report
D.D.

If you use 4-inch containers, you can grow 9 plants per square foot. These will start crowding each other unless they are flowered when they are 6-9 inches tall.

Dear Ed,

I've been an outdoor grower for ten years. I've got good strains of pure *indica* and *indica-sativa* which I developed.

Last year I ran into the best Thai weed I have ever seen. It was solid gold 6-10" buds. It was almost seedless. Fortunately, I found 20 mature seeds. I started 10 of them on April 20, in an outdoor greenhouse. By October 1st, I had 12 foot-tall beauties.

The problem is that I live in western Massachusetts and the frost was due anytime. The plants showed no sign of sex. How can I use the Thai in my breeding program?

—Pioneer Valley Purple Man

Western Massachusetts

Thai weed has a peculiar flowering cycle. The female produces flowers over an extended period of time. Most of the marijuana in Thailand is grown in the Khorat Plateau in the northeast. This is between the 14th and 18th parallels. At the 15th parallel there is only about a two hour difference between summer and winter. Obviously, the light cycle does not play as critical a role in Thai flowering as in higher latitude plants.

The easiest way to use Thais in breeding is to grow them indoors or outdoors under controlled lighting conditions so that they receive only 10-11 hours of light once they are forced to flower. Expect a four to eight week period before male flowers are ripe. Collect and save the pollen for fertilizing the females that are to be crossed.

Thai plants tend to be hermaphroditic, so the most successful crosses will be made pollinating a female Thai which does not have male flowers with a male from the other variety to be hybridized. Once pollinated it will take the plants six to eight weeks to develop ripened seed.

continued over

DOMESTIC

Water-Works
Growers Supply

Since 1976 Since 1976

Collapsible Water Tanks



**HAUL AND STORE WATER
QUICKLY....EASILY....ANYWHERE**

7 sizes.... 275 to 1340 gallons
FDA approved for drinking
Will not tear, burst or rot

**A POWERFUL DC PUMP
FOR USE ANYWHERE!**



**Simer 12 volt DC
GEYSER
BATTERY
POWERED
PUMP**
Completely Submersible-Will Pump
Continuously in Water 1/2" or More Deep
Operates on any automotive battery

**AUTOMATIC WATER
MINDER II**

- High Quality Long Lasting
- Saves Time, Water and Money
- Insures Proper Amount of Water for a Perfect Lawn
- Many Uses
- 2 Year Guarantee
- 2 AA Batteries Last 1 Year

7 Day Programmable Water Minder Set it and forget it. Program a 7 day period of time, 2 programs a day, any day or combination of days of the week, any hour day or night.

Capacity	1	2	3	4	5	6	7	8	9	10	11	12
1 gal.	\$44.95 each	\$34.95 each	\$25.00	\$16.00	\$7.50	\$2.50	\$1.00	\$0.50	\$0.25	\$0.12	\$0.06	\$0.03
2 gal.			\$49.95	\$39.95	\$17.95	\$6.95	\$2.95	\$1.25	\$0.50	\$0.25	\$0.12	\$0.06
3 gal.				\$54.95	\$44.95	\$18.95	\$7.95	\$3.95	\$1.50	\$0.75	\$0.38	\$0.19
6 gal.					\$59.95	\$49.95	\$23.95	\$10.95	\$4.95	\$2.45	\$1.25	\$0.62
12 gal.						\$64.95	\$54.95	\$28.95	\$15.95	\$7.95	\$3.95	\$1.95
15 gal.							\$69.95	\$59.95	\$33.95	\$16.95	\$8.95	\$4.45
30 gal.								\$74.95	\$64.95	\$38.95	\$17.95	\$8.95

Sample package (1 each size) ... \$8.00

**A NEW CONCEPT IN
PLANT CONTAINERS**

DOMESTIC Poly Gro-Bags

Capacity	1	2	3	4	5	6	7	8	9	10	11	12
1 gal.	\$16.00	\$7.50	\$1.00	\$0.50	\$0.25	\$0.12	\$0.06	\$0.03	\$0.01	\$0.01	\$0.01	\$0.01
2 gal.		\$9.00	\$3.95	\$1.50	\$0.75	\$0.38	\$0.19	\$0.09	\$0.04	\$0.02	\$0.01	\$0.01
3 gal.			\$14.95	\$6.95	\$3.45	\$1.75	\$0.85	\$0.42	\$0.21	\$0.10	\$0.05	\$0.02
6 gal.				\$17.95	\$8.95	\$4.45	\$2.25	\$1.12	\$0.56	\$0.28	\$0.14	\$0.07
12 gal.					\$23.95	\$12.95	\$6.45	\$3.25	\$1.62	\$0.81	\$0.41	\$0.20
15 gal.						\$28.95	\$15.95	\$7.95	\$3.95	\$1.95	\$0.95	\$0.47
30 gal.							\$33.95	\$16.95	\$8.95	\$4.45	\$2.22	\$1.11

Send To
DW-W
DGS
Box 108-9
Cave Jct., OR 97523

Our Customers Say That We Have:
The Largest Selection
The Quickest Service
The Nicest Catalog
The Best Prices

We Sell More Than Just:

Halides & Sodiums

Natural & Commercial:

Pest Controls, Fertilizers

Growing Mediums

Climate Controls:

Thermostats, Rheostats

Fans & Blowers

Watering Systems

CO₂ Systems



...over 30 pages of values!



High Light Enterprises
Call For Order or Free Catalog

1-800-342-1981

Eugene, Oregon (503) 342-1981

10 a.m. - 6 p.m. PDT





HIGH TIMES ▶ 81

WHOLESALE LIGHT SUPPLIERS

1-800-333-LITE "Don't Pay Retail"

BASIC KITS (NO REFLECTOR OR ENCLOSURE)

1000 HALIDE (MS 1000)	\$150.00
400 HALIDE (MS 400)	\$105.00
1000 HIGH PRESSURE SODIUM (LU 1000)	\$195.00
400 HIGH PRESSURE SODIUM (LU 400)	\$165.00

EXPANDED KITS (48" REFLECTOR AND STEEL ENCLOSURE)

1000 HALIDE (MS 1000)	\$175.00
400 HALIDE (MS 400)	\$130.00
1000 HIGH PRESSURE SODIUM (LU 1000)	\$225.00
400 HIGH PRESSURE SODIUM (LU 400)	\$190.00

C O D's SHIPPED

VISA AND MASTERCARD

DEALER INQUIRIES WELCOME

CALL COLLECT FOR LIGHTS

CARBON DIOXIDE SYSTEMS COMPLETE

AIR PURIFIERS ELIMINATES SKUNK ODOR (150 cfm)

\$150.00

\$109.00

BOX 3361, SPOKANE, WA 99220-3361

Free Catalogue

Attention Indoor Growers!

The Real Best Deal On Super Halide & Sodium Systems

- All systems are professionally wired with safety and hazard free use in mind.
- Lowest noise ballasts available anywhere.
- All systems include your choice of 48" metal reflector or 18" porcelain reflector.
- Two year guarantee on all ballasts.
- All bulbs guaranteed.
- All Halide 1000 Systems are MS 1000 Super Lamps. (125,000 LU)
- All systems come assembled with your choice of hoods.
- MS 1000 Watt Super Halide System \$185.00
- 1000 Watt High Pressure Sodium \$260.00
- 400 Watt Halide System \$140.00
- 400 Watt Sodium System \$180.00
- We carry a complete line of growing needs.
- Visa & MC welcome

Please send for our price list and flyer on our MAXIMIZER CO₂ SYSTEM. Shipped C.O.D. To order send money order or certified check to: C.O.D.'s accepted with 20% deposit. Emerald City Halide North, 8018 15th Ave. NE, Seattle, WA 98115 206-527-1035

100-46.00
1,000-42.00
200mg Caffeine
GREEN, RED OR BLUE SPECK
PINK HEART
250mg Caffeine
BLACK CAPSULE
200mg Caffeine

WE MEET OR BEAT ANY PRICE'
Free Catalogue and
Insect sample
800-237-3759

100-45.00
1,000-415.00
MINI PINK HEART
ALSO YELLOW AND PURPLE
All with 25mg of Ephedrine
(DECONGESTANTS)

800 BEPERKY

100-46.00
1,000-42.00
MAGNOLIA
357mg Caffeine
325mg Caffeine
BLUE WITH BLUE SPECK
OR BLACK
325mg Caffeine
300mg Caffeine

100-47.00
RED AND CLEAR DIET AID
75mg PPA
STRONGEST AVAILABLE WITHOUT
PRESCRIPTION

QUANTITY DISCOUNTS AVAILABLE
Nationwide Purveyors, Inc.
P.O. Box 8482 Department H
Pittsburgh, PA. 15220

More items available
100-48.00
1,000-435.00
SLEEP AID
50mg Diphenhydramine

DURO-HARD
YOHIMBE BARK COMPLEX
(TURN SEXUAL FRUSTRATION
INTO TOTAL FULFILLMENT)
60-411.95

Master Card, Visa or Discover COD orders accepted

MOONLIGHTING QUALITY DISCOUNT REPLACEMENT LAMPS

Theirs Ours

Theirs Ours

MS1000BU	58.95	51.99
MS1000/C/BU	58.95	51.99
MS400BU	42.95	38.99
HPS400	42.95	38.99
HPS1000	69.95	61.99
MH175U	N/A	27.99
MH1000U	52.95	47.99

- Shipping cost per lamp (U.P.S.) \$4.50

CA Residents add Sales Tax

Check, money order, Mastercard or Visa

* Inquire about our low ballast prices too!



Send orders to:

Moonlighting
11693 San Vicente Blvd.,
Suite 104
Los Angeles, CA 90049
or call (213) 207-3300

A S K E D

continued from previous page

Dear Ed,

I have some suggestions for growers who are gone from their grow rooms for extended periods of time.

One reader wrote in suggesting that a GFCI circuit was necessary. I say it is neither necessary nor desirable. The main purpose behind a GFCI circuit is to protect people from electrical shock. If you get between electricity and a wet floor, a GFCI is more sensitive and will trip to protect you. A regular breaker might allow you to fry in a similar situation, but standard breakers do protect against dead electrical shorts—the kind that cause fires.

This is the upshot. If this gentle reader equips his room with GFCI circuits, he is likely to come back to dead plants simply because an electrical storm tripped his GFCI's, they are that sensitive. My suggestion is to use good wiring practices and not overload any circuits. Remember, we all take electrical risks every time we leave our homes.

Another thing I would suggest is the use of a large water/nutrient container for the hydroponic system. I dislike valving into the water supply. If something breaks with the container system, you can only do 25 or 30 gallons worth of water damage, maximum, whereas it's unlimited the other way. I feel comfortable leaving for two weeks at a time. In fact, I just got back from a ten-day vacation with no problems.

Regarding the reader whose clones are not rooting well. Is it possible that rooting solutions lose potency with age?

Sincerely,

—Rasta Reader,
Oklahoma City, Oklahoma

Thanks for the info, Rasta.

Yes, it is possible for the chemicals in the rooting preparations to lose potency. It is best to use fresh material. One way to retard staleness is to keep the rooting hormones refrigerated.

● I welcome comments, tips, and questions regarding marijuana and marijuana cultivation. Send all letters to Ask Ed, HIGH TIMES, 211 E. 43rd St., New York, NY 10017. Also send entries for the Bud, Plant, and Garden of the Month Contests. All correspondents whose letters or photos are used will receive a free copy of my book, *Marijuana Growers Handbook, Indoor/Greenhouse Edition*.

● By submitting your photograph(s), you hereby grant permission to publisher to reprint the photograph(s) in HIGH TIMES magazine as well as any other Trans High Corporation publications.

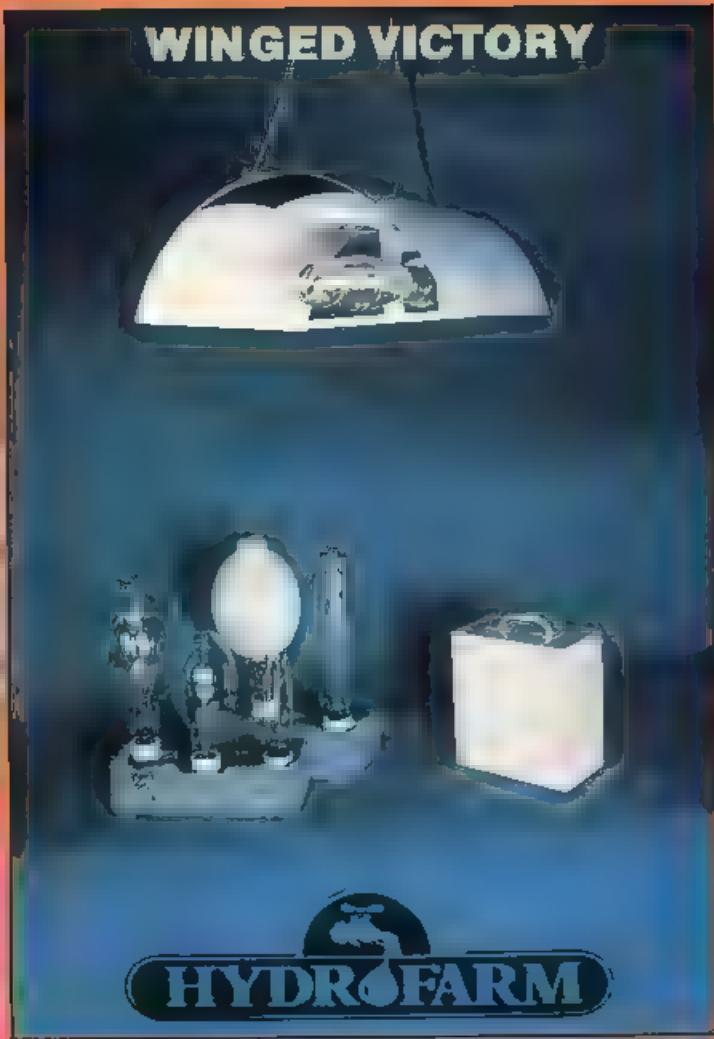


Bloomington,
Indiana
Tampa,
Florida

GOIN' SOUTH

PRODUCTS

WINGED VICTORY



Announcing the Hydrofarm Grow Wing—a real design breakthrough that will forever change the look of grow lights. This compact (only seven inches high), horizontally-mounted lamp delivers 50 percent more light intensity and greatly enhanced uniformity in light distribution, due to its revolutionary, double-parabola design. The Grow Wing comes to you from Applied Hydroponics, Inc., makers of the well-known Hydrofarm line of growing technology. Like all Hydrofarm lights, the Grow Wing is all steel, sports an electro-white finish, and features the proven, dependable Safety First wiring system. There is also an adjustable mounting bracket so the Grow Wing can accommodate all 1000 and 400-watt halide and sodium lamps. For a free catalog, call 1-(800)-227-4567 (in the eastern U.S.A.), or 1-(800)-634-9999 (western U.S.A.). Applied Hydroponics, Inc., 3135 Kerner Blvd., San Rafael, CA 94901; (415) 459-7898. ●

DIRECT

FROM

HOLLAND



We have some of the most potent and resinous varieties in the world, including **NORTHERN LIGHTS**, **BIG BUD**, and **SKUNK#1**. Also, we now have super quality **RUDERALIS** hybrids, proven to be the earliest varieties known to mankind. Every grower can benefit from our collection.



CATALOG

• SEND YOUR NAME AND
ADDRESS FOR OUR NEW

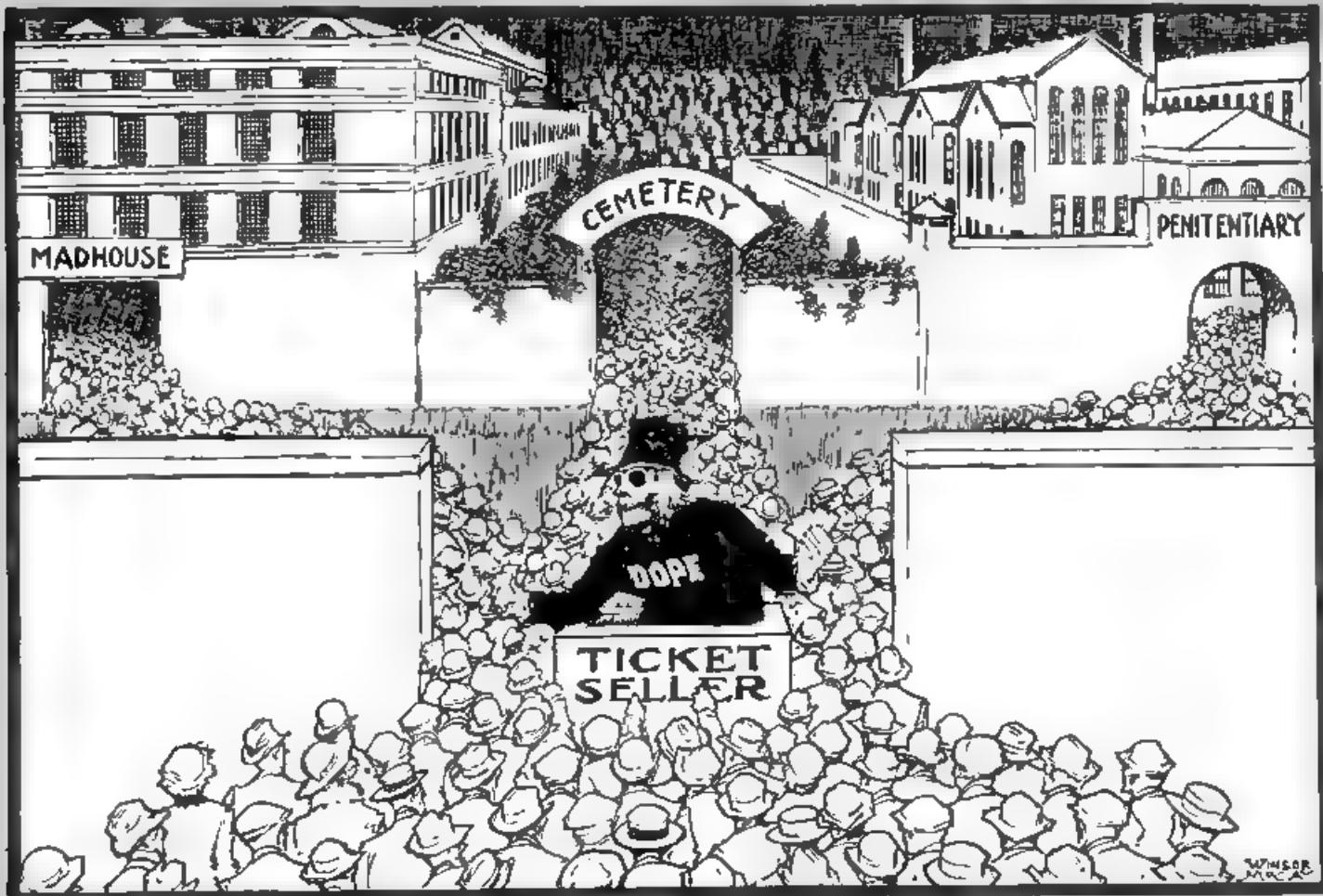
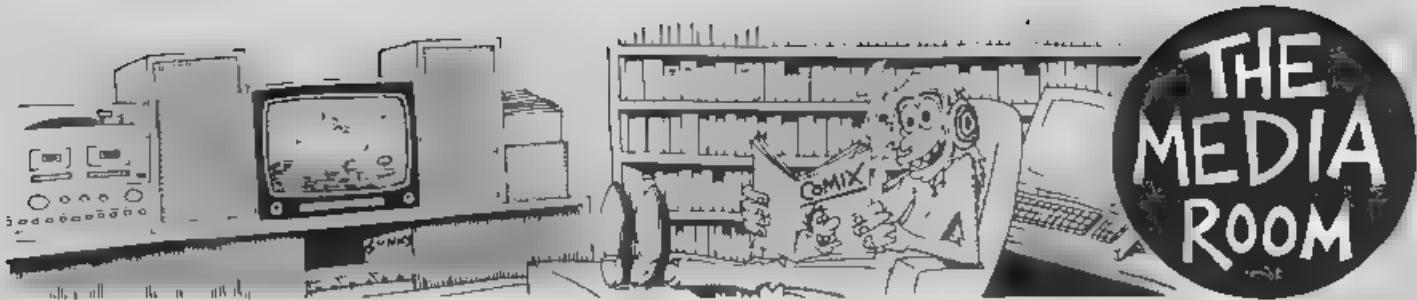
FREE

COLOR CATALOG, PRICE
AND INFORMATION
LIST TO:

THE SEED BANK
POSTBUS 5
6576ZA, Ooy (Gem. Ubb.)
THE NETHERLANDS



SUPPLIER OF PREMIUM
QUALITY CANNABIS SEEDS



Above: An example of Winsor McCay's "lame-limbed politico-editorial illustration." Ironically, this drawing was published just three days before McCay's death on July 26, 1934. According to Winsor McCay—His Life and Art, it is unknown whether McCay experimented with drugs, although several of his comic strips dealt with subject matter like mushrooms, hallucination, and smoking dope.



Winsor McCay—His Life and Art, by John Canemaker (Abbeville Press).

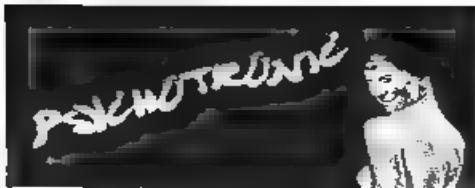
John Canemaker's book, *Winsor McCay—His Life and Art*, intelligently

covers the cartoonist's career from his early days as a side-show tent painter through his travels as a comic strip creator, vaudeville performer, political cartoonist, and pioneer animator. Perhaps even more importantly, the story of McCay the man is well-covered, the unhappy days as well as the joyous. Winsor McCay worked so hard and with such gusto on a matter-of-fact basis that today's lazy, yuppie writers, artists, and editors might diagnose it as some sort of sickness. Aspiring cartoonists will take heart (or gun-in-mouth, depending on the state of mind) in learning that

McCay was no spring chicken when he achieved his first great success (he was 38 when *Little Nemo* made its debut in 1905), and that, as late as the mid-'20s, and having already proven himself a major talent in the graphic arts, McCay was hassled by big boss William Randolph Hearst, Sr., and forced to illustrate lame-limbed politico-editorial pieces written by an advisor of Hearst's.

But the star of this show is Winsor McCay's art. It's high, wide, powerful, and—more often than not—psychedelic.

—Milton Knight



Sleaze, Gore, Splatter, & More

by Michael J. Weldon

TRASH MOVIE FANS! Where can you find useful, up-to-date information about the constant barrage of horror/exploitation/sleaze movies and videos?? Maybe you buy slick national magazines, but *Cinefantastique* is too mainstream and expensive, and *Fangoria* spends too much time on gore effects. Neither mag has enough opinions. *Filmfax* is good, but only covers older movies.

For info on new movies that I call "Psychotronic" you have to turn to fanzines—those money-losing, xeroxed, stapled, mail-order publications put out by people who really care. With no advertisers, publishers or editors breathing down their necks, fanzine writers can be as opinionated, incoherent, insulting, and stupid as they want. If they don't like something, you know it.

Science fiction and horror fanzines have been around for a long time, but in 1980 a new style 'zine movement was started in the New York area by some bored, lowlife scum office workers who spent too much time lurking on 42nd St. The infamous *Sleazoid Express* was first Bill Landis' publication eventually mutated into an indescribable, unflinching, hardcore look at life at the bottom. It's no longer published, but armchair thrillseekers now pay for third generation copies of rare original issues. Rick Sullivan started *Gore Gazette* (No. 100 should be out by now) as a reaction to *Sleazoid* reviews he didn't agree with (Landis hated *Mother's Day* ['80], while Sullivan loved it.) The *Gazette* always has sick cover photos, is usually four pages long, and is now available in an unauthorized Italian edition (!) (*Gore Gazette*, c/o Rick Sullivan, 496 Hazel St., Clifton, NJ 07011.)

Having the time and cash to keep these rags going is a nearly impossible task, and many other early '80s publications gave up after a while. The best of the now-collectible ex-'zines are *Trashola* (from San Francisco), *Confessions of a Trash Fiend* (Old Bridge, New Jersey), *Chicago Shivers*, *The Splatter Times* (Cookeville, Tennessee), and my own weekly *Psychotronic*, which covered movies shown on television in the New York area.

My favorite guide that's still published is *Slimestime*, a monthly ten (or more)-page look at new and old theatrical and

video releases. *Slimestime* often has special features (biker movies, LSD movies, Blaxploitation, etc.), is published on time, reviews other 'zines and actually makes me laugh sometimes (instead of making me wonder when the editor is going to become a serial killer) (*Slimestime*, c/o Steve Pulchalski, 1108 E Genesee St. #103, Syracuse, NY 13210.)

While some fanzines are published on a very irregular basis, I'm not sure if others still come out at all. Here are some sure bets worth subscribing to:

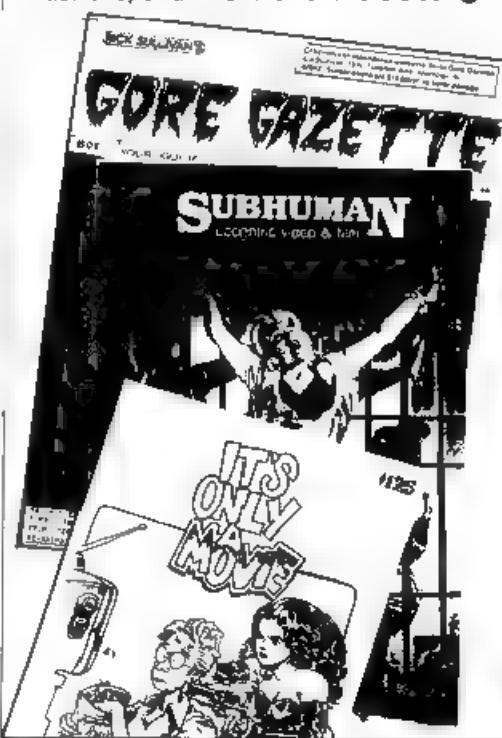
Hi-Tech Horror (all obscure video release reviews/monthly), c/o Craig Ledbetter, P.O. Box 5367, Kingswood, Texas 77325

Scarephanelia (reviews/interviews, soundtrack info/ten pages/monthly), c/o Michael Gingold 55 Nordica Dr., Croton-On-Hudson, NY 10520

Subhuman (reviews/letters, covers porn, accepts ads/bi-monthly), c/o Cecil Doyle, 1509 W. St. Mary, Lafayette, LA 70506

Wet Paint (resembles '60s fanzines but covers current sleaze obsessions/reviews/articles/zine reviews/30 pages, bi-monthly) c/o Jeff Smith, 2124 Tradewind #90, Mesquite, Texas 75150.

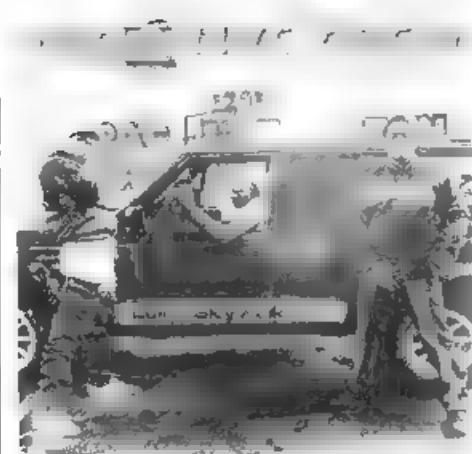
This is only a partial list, but once you get in the habit, you'll probably want to subscribe to several 'zines to keep up with what's going on, so ask for subscription rates, as well as sample copies, when you write. A future column will cover more American fanzines that are harder to classify, like the almost-pro *Magick Theatre*, the unique, eclectic *It's Only a Movie* (from Chicago), 'zines about Italian westerns, and some of the many 'zines from England, Canada, Australia, and who knows where else.



Hound's Eye View

Filthy Fuck Tunes

by James Marshall



2 Live Crew's "We Want Some Pussy" is ushering in a new era of sexist filth.

People have been singing about fucking ever since people started singing. If Reagan-era repression, AIDS, and evil Xian evangelists have had any effect on music, it's through the dirty "party disc" comeback. These filthy, crude discs, usually made by blacks and hillbillies (including such respected figures as the father of gospel music Thomas A. Dorsey, who was the co-author of one of the '20s biggest smut-blues ditties, "Tight Like That", and former Louisiana governor Jimmie "You Are My Sunshine" Davis, who began his career howling about poontang in such gritty country discs as "Tomcat & Pussy Blues" and "Red Nightgown Blues"), have been around since the start of recorded music.

Guys like Miami's Blowfly have been keeping the tradition alive through the conservative '80s, but all of a sudden, in the grim year of our lord 1987, three big hits—all filthy fuck tunes—have hit the white-washed charts, and 1988 may be a banner year for such mess.

The best record of last year by Florida rappers 2 Live Crew was a totally filthy ditty called "We Want Some Pussy" (Luke Skyywalker), a record so fine that a store clerk in Florida was arrested for selling it to a minor. A monotonous B-box beat and two-chord guitar riff set the tone for

my new favorite duo. Not since Jimmy Reed told his girlfriend he'd rather see her gangbanged than dumping him in "My First Plea" (from *I'm Jimmy Reed*, on Vee Jay, for you collectors) has anybody been so blunt.

Me and my homies like to play this game,

Some call it Amtrak but we call it the train.

*We all line up in a single file line,
And take our turn at waxin' girls
behinds.*

—and it gets dirty from there

Clarence Carter has been around forever. He was one of the original Muscle Shoals soul giants scoring megahits like "Patches" and "Slip Away" (do look for his '68 X-mas disc "Back Door Santa"—I ain't like ole St. Nick/He don't come but once a year—for a real thrill, tho.). Lots of folks were surprised when he scored a major comeback hit last year with a fantastic soul-fuck disc on his own tiny Ichiban label out of Atlanta, Ga

But anyone who hears "Strokin'" will understand that even in this mega-corporate music industry, genius is bound to fight its way through the dreck now and again. An updated (programmed drums, synth bass) Muscle Shoals beat is laid down, over which CC plays some pigshit bluesy guitar and works his way into an ode to his chode that will astound you.

The Cajun revival of the last few years seems mostly like a yuppie dining experience, although it's nice that great, cajun, zydeco men like Clifton Chenier and Rockin' Dopsie are making some money out of it. Well, who comes out of the woodwork showing real class but Bocozoo Chavis (who?), accordion-stomping black cajun, who scored a minor R&B hit in '51 with the totally moronic "Paper In My Shoe" (Imperial). His latest, "Deacon Jones" (Komeday)—a regional smash—is a driving accordion-stomper, sung in English, sort of; he has the heaviest French-Cajun accent I've ever heard. The theme is the age-old preacher-with-a-hard-on motif—Deacon Jones was a fuckin' fool/fucked his teacher on the first day of school, etc. I played this masterpiece on the radio a good half-dozen times before anybody caught on.

Rubberized coating on your johnson or not, the party disc is a part of our musical heritage that is to be cherished and preserved. Anyone who don't dig that can go. ●



Mississippi Catfish by Chef Ra

Catfish has been a food staple for "downhome" folks in the South and Midwest for many years. Like carp (which was brought from Germany during the '30s), much of our catfish was raised in fisheries and then released into the muddy Mississippi to help feed the starving poor.

Chef Ra has caught some pretty big ones in his day—three feet long and over 10 pounds. I often use nothing but a makeshift pole and a few worms, but there are actually three traditional methods for catfishing: jugging, trot lining, and hogging.

Jugging is the most fun, especially when done late at night. All that's needed is a boat, some one-gallon plastic jugs, and a few hooks. Tie a short line and hook to each jug and bait the hooks with minnows, nightcrawlers, or cheese. (Catfish are bottom feeders, which means they'll swallow just about anything that smells.) After the hooks are baited and the jugs are thrown overboard, it's time to sit back, smoke a spliff, and enjoy the cool night air, while waiting for the catfish to bite. Before long, you'll be chasing those jugs up and down the river for hours. (It helps if you bring along a flashlight.)

Trot lining is for the more serious minded—those looking for a big haul. A trot line has around 50 hooks and is much longer than the average fishing line. After the hooks are baited, the line is set by wading out into shallow backwaters and securing both ends of the line to the riverbank. Since catfish bite at night, it's best to leave the trot line out all night. With any luck, most of the hooks will snag a catfish by morning.

Hogging is the most dangerous method. I don't recommend it, but it remains a popular sport in southern

Illinois. Really big catfish often hang out under logs and overhangs around the riverbank. During the spring, when the water is cold, the fish are slow and sluggish. If you know a spot favored by big fish, you can stick your hand in the muddy water and feel around for one. The object is to get your hand inside the fish's mouth, hook your finger through a gill, and yank the fish out of the water. I've seen 40-pounders pulled out by this method. I've also heard of guys getting pulled into the water by a catfish too big to hog. Since catfish don't have teeth—just a little sandpaper on the jaw—there's no danger of being bitten. However, there is the danger of disturbing a snapping turtle or water moccasin, which is why you won't catch Chef Ra participating in such a macho sport.

Mississippi Poisson a la Ra

1 1/2 pound channel catfish (substitute bass or crappie)

3 cups vegetable oil
2 cups cornmeal
1 can beer
1 tablespoon pepper

Remove skin from fish. Wash fish. Dip fish into a bowl filled with beer. Remove fish from beer and place into a paper bag containing cornmeal and pepper. Shake, rattle, and roll until fish is coated. Heat oil in pan and fry fish until golden brown.

Sangamon River Cole Slaw

1/2 head of cabbage (green or red)
1 carrot
1/4 onion
1/2 green pepper
1/8 cup vegetable oil
1/4 cup apple vinegar
3 teaspoons honey
1 1/4 ounce of fine, green sinsi (optional)

Dice cabbage, carrot, onion, and green pepper, and mix in bowl. In separate bowl mix oil, vinegar, and honey. Combine ingredients.

"For super high salad, mix green sinsi with oil and cook in pan for 10 minutes, being careful not to burn the herb. Let mixture cool, then add to vinegar and honey. ●



The Lowest Prices in the U.S.A. FOR BODY STIMULANTS

- DISTRIBUTOR DISCOUNTS AVAILABLE
- WE WILL BEAT ANY PRICE!

STIMULANTS

Pink Heart Tablet	200mg caffeine
Small Black Capsule (mfg #10-1365)	200mg caffeine
Blue/Clear Capsule	200mg caffeine
.357 Magnum Tablet	357mg caffeine
20/20 White Tablet	300mg caffeine
30/30 Blue Tablet	325mg caffeine
Lg. Black Molie Capsule	325mg caffeine
100 PILLS - \$5.00	1000 PILLS - \$25.00



2000 PILLS FOR ONE LOW PRICE

ORDER ANY
COMBINATION OF
1000 STIMULANTS
WITH 1000
MINI CROSS TOPS
FOR JUST ONE
LOW PRICE OF
\$35.00



Mini Cross Top
25mg ES



Small Black Cap
200mg Caffeine

ORDER VISA • MASTER • C.O.D. TOLL FREE

1-800-428-1717

OR SEND CHECK OR MONEY ORDER PLUS \$2.00 POSTAGE TO:
HDI Pharmaceuticals, 1992A Suburban Avenue
Suite 140, St. Paul, Minnesota 55119

ORDER NOW WHILE SUPPLIES LAST
FOR FAST, PERSONALIZED SERVICE
AND GUARANTEED DELIVERY

Enclosed is my VISA • MASTER • CHECK • MONEY ORDER

Acct #	PRICE	Signature
Exp. Date		
DESCRIPTION	QTY	SHIP TO:
		Name _____
		Address _____
	POSTAGE:	City _____
		State _____
		Zip _____
	TOTAL	
	\$2.00	
	TOTAL	

WARNING: These products are not sold to minors. For adults only. These products contain no amphetamines or barbiturates. VOID where prohibited by law. Not for illegal use. Persons with high blood pressure or diabetes should consult physician before use.

Switching to High Pressure Sodium has never been easier. Or cheaper.

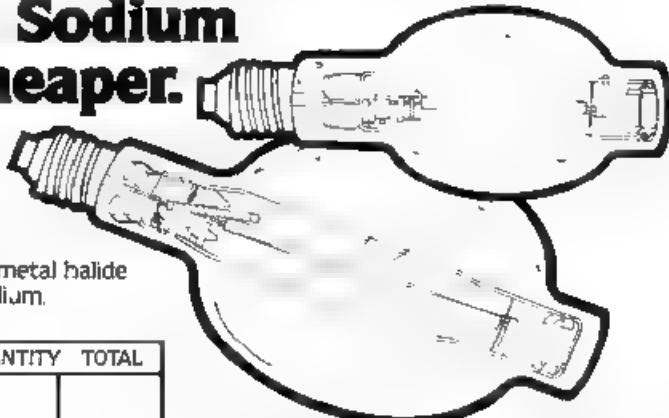
You asked for it. You got it. Energy Savers is pleased to announce high pressure sodium bulbs specifically designed for metal halide lighting systems.

Easier:

When your plants are ready to bud and flower, simply change the light bulb.

Cheaper:

Now, you don't have to invest in a whole new lighting system just to switch from metal halide to high pressure sodium.



The latest technology has created a unique, energy-saving sodium bulb that runs off of your existing metal halide ballast. Using less electricity and having a life expectancy of 24,000 hours, you can realize enough savings in energy, in just one year, to virtually pay for the bulb itself.

Order your own high pressure sodium bulb for your existing metal halide system today. And make the switch to sodium lighting without making the investment. Works with mercury vapor ballasts, too!

	LUMENS	PRICE	QUANTITY	TOTAL
1000 WATT CONVERSION BULB	USES ONLY 940 WATTS— HAS ONE YEAR WARRANTY	140,000	\$139.00	
400 WATT CONVERSION BULB	USES ONLY 360 WATTS— HAS ONE YEAR WARRANTY	50,000	\$69.00	
GIANT 1500 PAGE CATALOG FEATURING BLOWERS, FANS, PUMPS, MOTORS AND 15,000 OTHER ITEMS		\$5.00 Refunded with first purchase from catalog	SUBTOTAL:	

See our other fine products
on the inside front cover ad.

CALL TOLL FREE (800) 421-2994 OUTS. DE
OR MAIL IN CALIF. INSIDE
YOUR ORDER (800) 538-3400 CALIF.

ACCOUNT NUMBER

TOTAL

MSM	INTERBANK NO. <input type="text"/>
—	MASTERCARD ONLY <input type="text"/>
—	THE NUMBER OVER YOUR NAME <input type="text"/>
—	EXP. DATE: MO. <input type="text"/> YR. <input type="text"/>

SIGNATURE FOR CHARGE ORDERS



**ENERGY SAVERS
UNLIMITED, INC.**

22138 S. VERNON AVE. #C
TORRANCE, CALIFORNIA 90502

GO-GO GIRL OF THE MONTH

Sophia

On a night like the night in
Negril, where this beautiful girl walked
right up to me and wouldn't let me
go. The first words out of her
mouth were, "You like me?"

"Ah—I might."

"Might? I don't want to hear
might! I want to hear yes!"

"Well, ah, that's like proposing
could get in trouble around here."

"No you won't. Jamaica no
problem!"

"Oh, yeah?"

"I'm free, you know.
And I'm looking for a nice guy
to be my husband. I'd like to move
over there."

"Over where?"

"New York, or wherever
you want to live there."

"You're very young, right?"

"I'm just 19."

"Oh."

"I want to be in magazines."

"Okay. No problem."



Greenline

Indoor



JEFF VAUGHAN

Join the world's top growing experts and cannabis connoisseurs as they convene in super secrecy for the first annual **Indoor Show**! You won't want to miss this one! (P.S. — Watch for our wacky April Fool's issue, on sale March 17th...but don't tell anyone about it — it's a secret!)



Put your plants in the best light.

With our exclusive Mini-Might Grow Lights.

Our popular HPS150 uses a high pressure sodium lamp with an ideal color spectrum for budding and flowering. Costs only 15¢ a day to operate.

Our new MH175, with a metal halide lamp is perfect for all stages of plant growth. Only 18¢ a day to run.

SALE PRICE EACH \$99

Reg. \$139 **PLUS \$5.00 shipping anywhere in USA.**

ONE YEAR PARTS & LABOR GUARANTEE
20 DAY MONEY BACK GUARANTEE — MOST
ORDERS SHIPPED IN 24 HOURS C.O.D.
ORDERS WE COME NO DEPOSIT REQUIRED
QUANTITY PRICES AVAILABLE CALL
FOR FREE CATALOG



New

175 watt Metal Halide Lamp (15,000 lumens)

150 watt High Pressure Sodium Lamp (16,000 lumens)

See complete product listing inside front cover.



ENERGY SAVERS UNLIMITED, INC.

2213B SOUTH VERNON AVE. - C, TORRANCE, CA 90502
Call Toll Free: (800) 421-2994 (outside California)
(800) 538-3400 (in California)

NERD SUPPLY

THE ENERGY SOURCE

Mental Alertness Aids.
Diet Aids & More:

#1-4 Ephedrine Tablets	\$20.95/1000, \$6.95/100
#5-10 Caffeine Tablets	\$25.95/1000, \$7.95/100
#11 Magnum 357	\$30.95/1000, \$10.95/100
#12-17 Caffeine Capsules	\$35.95/1000, \$9.95/100
#18 Soma Pap Sleep Aid	\$12.95/100
#19 L. Tryptophane Sleep Aid	\$8.95/60
#20 CPC Cold Capsules	\$12.95/100
#21 Grapefruit Diet	\$9.95/60
#22 PPA Diet (Phenylpropanolamine)	\$9.95/100
#23 Fast-a-Cone Diet	\$12.95/100
#24 Super Nite Diet	\$9.95/60
#25 CCK Diet	\$9.95/60

1 2 3 4 5 6 7 8 9 10 11 12 13
14 15 16 17 18 19 20 21 22 23 24 25

N.F. SUPPLY

920 N. Vancouver
Portland, OR 97227

Toll Free:
(800) 342-6555

In Oregon:
(503) 282-8884



FASTESt
& STRONGEs

STIMULANTS

DAY

DRUGS

STIMULANTS
LARGEST SELECTION
FASTESt SERVICE
LOWEST
PRICES
ANYWHERE

**WE WILL MEET OR BEAT
ANY REASONABLE PRICES!!**
**JUST SEND SELF-ADDRESSED
ENVELOPE WITH CURRENT
PAID INVOICE**

**Orders Shipped
in 24 Hours!**

CODE #A 1000 / 100 CODE #B 1000 / 100
\$26.00 - \$3.00 \$22.95 - \$3.00



CODE #C 1000 / 100 CODE #D 1000 / 100
\$39.95 - \$6.95 \$32.95 - \$3.95



CODE #E 1000 / 100 CODE #F 1000 / 100
\$15.95 - \$4.50 \$19.95 - \$4.50



CODE #G 1000 / 100 CODE #H 1000 / 100
\$19.95 - \$4.50 \$14.95 - \$3.50



CODE #I 1000 / 100 CODE #J 1000 / 100
\$29.95 - \$6.95 \$28.95 - \$6.95



CODE #K 1000 / 100 CODE #L 1000 / 100
\$15.95 - \$4.50 \$28.95 - \$6.95



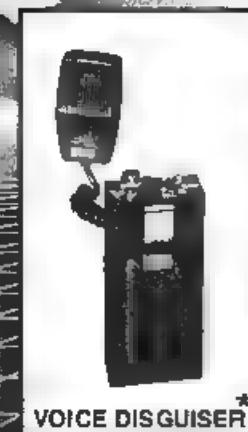
PAYMENT
* MONEY ORDER (ANY AMOUNT)
* PERSONAL CHECKS (not over \$20.00)
* C.O.D.'s (must send \$10.00 deposit with order)
* ALL ORDERS IN U.S. FUNDS ONLY

RUSH ORDER TO
EAST COAST NUTRITIONAL LABS
120-07 ROCKAWAY BLVD. #202
OZONE PARK N.Y. 11420

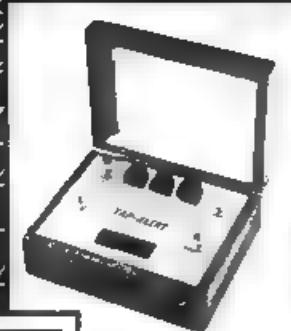
(Please Print) -----					ADD TAX
Name _____					Shipping \$3.00
Address _____					RUSH AIR SERVICE ADD \$5.00 (Optional)
City _____	State _____	Zip _____	Phone _____		TOTAL
ITEM CODE	QUANTITY	HOW MANY	PRICE EACH	TOTAL	

* NO MINIMUM! * NO MAXIMUM!

NOTE: Our products bear our trademark. They cannot be confused with any other product on the market. Offers subject to change without notice. May substitute. Take only as directed. Read all package statements. No sale to minors or where prohibited by law. The advertised products have various levels of non-controlled ingredients. OTC's not to be mixed with alcohol. Any attempt to offer these products for sale as a controlled substance or prescription drug may be a crime. This may result in criminal prosecution. Compliance with any law is the purchaser's responsibility. CAUTION: individuals under medical care should consult their physician. NO SALES TO ILLINOIS.



VOICE DISGUISER*

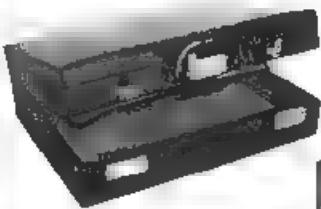


DETECT A TAP

SURVIVAL OF THE FITTEST



EARS*



BRIEFCASE RECORDER



SPY TALK



BUST A BUG



NIGHT VISION
INFRA-RED GOGGLES

- Voice Disguiser: Works on any phone ... \$495.
- Detect-a-Tap \$495
- Spy talk encrypted scramblers and waive talk es from \$1295
- Ears: long range microphones \$649
- Briefcase Recorder Get it on tape \$424
- Night Vision Infra-Red Goggles See in the dark from \$799
- Bust a Bug from \$349

* Actual item not shown

©COPYRIGHT 1987 ABAC

HIGH TECH STRATEGIES TO KEEP YOU CLEAN

Don't stay unprotected! Build a "fortress of security" with sophisticated equipment that can travel easily to provide security everywhere you go. Make an appointment to see full line of communications, surveillance and personal defense equipment. Also available, Lie Detection, Bullet-Proof Clothing and Eavesdropper Nullifiers.

So why wait . . . Order our equipment directly or send the coupon back with \$25, for our detailed catalog.

Anti-Bugging Anti-Wiretapping Corp. of America
630 Third Ave., New York, NY 10017

Money orders or credit cards only. Add \$4.50 for postage and handling.

Name _____

Address _____

Tel. _____ signature _____

Item(s) _____

Money order _____

Credit Card # Exp. date _____

Prices effective for a limited time only

Anti-Bugging Anti-Wiretapping Corp. of America

630 Third Ave., New York, NY 10017 (212) 682-4731

1435 Brickell Ave., Miami, Fla. 33131 (305) 358-4336

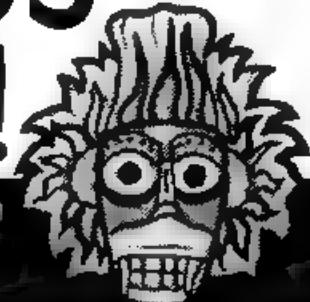
9465 Wilshire Blvd., Beverly Hills, CA 90212 (213) 274-6256

5085 Westheimer Rd., Suite 3696, Houston, TX 77056 (713) 626-0007

ENTER THE WORLD OF VOODOO!

JUNGLE VOODOO* FROM THE ISLANDS WINS BIG MONEY!

LOTTERIES • BINGO • LOVE POWER • GOOD LUCK



For centuries, deep in the island jungles, High Priests have been creating miracles with VOODOO. Their mysterious powers instantly change peoples' lives for the better. Using candles, incense and shells they make good luck happen and bring people love and power. Our greatest scientists and universities cannot understand how VOODOO works. But the people who have gotten big money, power and love will tell you it **DOES WORK**

VOODOO IS GOOD LUCK!

VOODOO will take you out of your present life and will give you the "Good Life." Poor people become rich. Lonely people find love. Weak people become the boss. People get lucky and win.

We read it in the newspapers, we see it on TV, people become rich without working. People who never had \$1,000, certainly not \$10,000, win millions of dollars in lotteries, break the bank in bingo, or are left a fortune by unknown relatives. They have big bank accounts, big houses, big cars, expensive clothes, go to Las Vegas, Paris, or Rome. You can become rich, too!

VOODOO people find out their lucky numbers & they start to win. Lonely people find love and companionship. VOODOO people have power & control others at home, or on the job. They are the boss.

ARE YOU READY FOR MONEY MIRACLES?

Money VOODOO is powerful and it works quickly. Lotteries pay millions, why shouldn't your name be on TV as a \$1,000,000 winner? Someone always wins - let's make it YOU! A woman in California won millions for \$1. Surely you can afford \$1? Use the money oil. Get ready for big things!

ARE YOU READY FOR LOVE?

Practice love VOODOO. Meet a beautiful woman, a wonderful man. See your mate court you like they did when you were dating.

VOODOO PEOPLE HAVE POWER! THEY ARE IN CONTROL!

VOODOO FRIENDS Dept. 00000

8306 Wilshire Blvd. Suite 570

Beverly Hills, California 90211

IMPORTANT: VOODOO PLEDGE!

I pledge that I will not reveal the VOODOO secrets I receive to anyone but a VOODOO person. I will not give or share the miracle magic oils, candies, or incense I receive with anyone but a VOODOO person.

Sign here & mail with coupon

SIGNATURE _____

I want to be on the list
 I don't want to be on the list

Practice power control VOODOO. Be the boss at home, on the job, socially.

REMOVE BAD LUCK FROM FRIENDS & RELATIVES!

Some people have bad luck. Do you? Do you lose at bingo raffles, cards, the track? You may be unlucky. Make yourself a winner. Someone threatening you? Release yourself but don't let them free until they change their ways!

GET TOGETHER, ENJOY YOUR NEW VOODOO FRIENDS!

Our many VOODOO friends from all over the world get together, have meetings, practice VOODOO, make miracles happen. Mail in the coupon below. We will send you a list of VOODOO people. Get together, write them, visit them. If you want to be on the list, check the box below.

WE ASK YOU TO SIGN THE PLEDGE!

You realize that when you mail in the coupon we are going to reveal mysterious secrets to you. Secrets that started on the islands in the jungles. Secrets that are passed on from one VOODOO person to another. And we will send you VOODOO objects. No outsider must ever know your VOODOO secrets. We ask that you sign the coupon & pledge not to reveal these secrets or explain miracles to anyone who isn't VOODOO!

MIRACLES, MAGIC, BETTER LIFE, IT'S GUARANTEED!

Order & receive your VOODOO package (secrets, oils, knitted hemp & buds). Make a cross of money oil on your palm. If big money doesn't immediately start coming to you, return for refund. If you don't meet a handsome man, beautiful woman, if your mate isn't better to you, return. Use power control oil. If you aren't immediately in charge, the boss, return it. Use powerful luck oil, if your life isn't better if bad luck isn't removed. If your spells don't work, return. You see, everything is guaranteed. As an VOODOO person your days of taking chances are over. Order today. Use your new power wisely!

Rush Me each of the secrets, oils, knitted hemp & buds in the quantity I have checked below.

Money _____ Love _____ Power/Control _____ Luck Maker _____

1 package \$9.95 + \$1.00 shipping & handling

2 packages \$18.95 (SAVE 95%) + \$2.99 shipping & handling

3 packages \$27.95 (SAVE \$1.90) + \$3.00 shipping & handling

4 packages \$36.95 (SAVE \$2.85) + \$3.00 shipping & handling

Please bill my MasterCard Visa Card

Card No. _____ Exp. date. _____

Signature _____

Name _____

Address _____

City/State/Zip _____

WANTED

1. LEFT THUMB



2. LEFT INDEX



3. LEFT MIDDLE



4. LEFT RING



5. LEFT LITTLE



An arrest for marijuana can be a devastating experience, not just for the victim, but for the family and friends as well.

Even those who don't go to jail can face an arrest record, probation, urine testing, property confiscation and the humiliation and shame associated with a trip through our criminal justice system.

Unfortunately, people ARE going to jail for marijuana. And the numbers are increasing. A community social worker in Texas was just sentenced to 60 days in jail and fined \$1500 for possession of 2/10th's of a gram of marijuana. It was her first offense.

These people need our support.

NORML provides legal referrals and assistance, credible information about marijuana and the reassurance of moral support. We need your help!

If you or someone in your family has been arrested for marijuana, please write us about your experience.

If you or someone in your family has submitted to a random urine test and lost their job due to an inaccurate result, please write us about your experience.

If you have not yet been arrested or urine tested for marijuana, please help us help the victims while we work together to prevent it from happening to you!

Please send a generous donation or join **NORML** today!

NORML, I want to help prevent it from happening to anybody!

Here's my \$25 regular membership dues.

Here's my \$35 family membership dues

Here's my \$15 low-income, military or student membership dues.

Sorry, I can't join right now, but here's a contribution of \$_____

NAME: _____

ADDRESS: _____

CITY: _____

STATE: _____

ZIP: _____

TELEPHONE: _____

MAIL TO:
**NATIONAL ORGANIZATION
FOR THE REFORM OF
MARIJUANA LAWS** 2001 'S' Street, N.W., Suite 640
Washington, D.C. 20009
(202) 483-5500

Essential Information from QUICK BOOKS



MARIJUANA GROWER'S HANDBOOK Revised, Indoor Greenhouse Edition, Spiral Bound, Ed Rosenthal

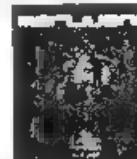
The best book on indoor growing for both the novice and advanced grower. Tells you everything you need to know to set up and grow a primo garden. Detailed chapters on growing methods, hydroponics, watering, manicuring, sexing lights, nutrients, cloning and much more. The new Advanced Flowering section details info on regulating flower cycles for all varieties. Has maps, charts, graphs, many photos and illustrations. Index catalog and bibliography. 252 pages \$19.95



MARIJUANA HYDROPOONICS HIGH-TECH WATER CULTURE Daniel Storm
New From Quick A large format book describing how to set up and maintain a water culture marijuana garden. Describes how-to-do-it step by step. Chapters on every aspect of growth. Lots of photos, charts and illustrations. 15 pages \$14.95



MARIJUANA GROWING TIPS Specific growing information for indoor and outdoor gardeners. Chapters on soils, lights, CO₂, cuttings, choosing seeds. Also describes cultivation and curing techniques practiced all over the world, including Morocco and India. Contains the most complete interview ever given by Dr. Carlton Turner who ran the government-sponsored pot farm at the University of Mississippi. This interview contains important information about cultivation, THC chemistry and government policies regarding marijuana. 225 pages, photos and illustrations. Spiral bound \$15.95



CULTIVATOR'S HANDBOOK OF MARIJUANA REVISED EDITION Bill Drake
Drake's classic bestselling Cultivator's handbook is totally revised and expanded! It contains the most up-to-date information on the art and process of growing the finest marijuana for both the outdoor and indoor cultivator. 233 pages with over 100 photo/arts \$14.95



MARIJUANA BOTANY R.C. Clarke
Marijuana Botany has detailed chapters on marijuana life-cycle, propagation, genetics and breeding, maturation and harvesting. In addition, it has detailed appendices on environment and potency, sex determination, cannabinoid biosynthesis, and growth and flowering. Clarke used information from government researchers and master California growers. 220 pages profusely illustrated. \$14.95



MARIJUANA GROWER'S GUIDE DELUXE EDITION Spiral Bound

Marijuana Grower's Guide by Mel Frank and Ed Rosenthal is the grower's bible. This is the basic book from which all other texts take off and is written for either the smallest or largest scale growers. Sections on indoor and outdoor cultivation, breeding, grafting, sinsemilla, drying, curing, cannabis botany and chemistry. Tells you everything you need to know to grow crop after crop of the best, indoors or out. 350 pages, with dramatic 16 page color section and over 150 black and white photos. Discloses secrets of master grass farmers \$17.95

 **Quick Trading Co.**

PO BOX 477 SAN FRANCISCO, CA 94101
Write order on separate sheet

Name _____ (please print)
Street _____
City State Zip _____ (no PO boxes for U.S.)

I am enclosing _____ Check Money Order for \$ _____
Bills my MasterCard Visa

Card # _____
Expiration Date _____
Signature _____

Add \$4 postage and handling per order. Books are shipped UPS to street address only. To ship via First Class Mail to a P.O.B. send a total of \$6 for postage and handling. European orders add a total of \$10 per order postage and handling. All foreign orders must be in U.S. dollars. CA residents add 8% sales tax. For fastest service use a credit card or money order. Personal checks are held 2 weeks. ALL PRODUCTS ARE SENT TO YOU IN A PLAIN BROWN PACKAGE. OUR MAILING LIST IS COMPLETELY CONFIDENTIAL. WE DO NOT SELL OUR MAILING LIST! Send orders to Quick Trading Co., P.O. Box 477, San Francisco, CA 94101. Send \$1 for complete product catalog which is refunded on first order.

TO CHARGE BY PHONE
CALL TOLL FREE NATIONWIDE
California callers 800-428-7224 ext. 02
Non-California callers 800-428-7285 ext. 02
\$20 phone minimum
Visa and Mastercard Only

Marijuana Questions

ASK ED

MARIJUANA QUESTION? Ask Ed.
Spiral Edition, Ed Rosenthal
is a compilation of several years of questions and answers regarding marijuana cultivation, culled from Ed Rosenthal's popular long-running "Ask Ed" column in *High Times*. Each answer by Ed has been revised and updated in 1986 to include the latest available horticultural information on the topic. Chally witty, eminently readable, each question and answer has been thoroughly indexed for use as a comprehensive reference work for victory gardeners. Chapters are included on cultivation practices, varieties, genetics, cutting, pests, curing, smoking, eating and the legal aspects of marijuana cultivation. Thirteen chapters with over 80 photos, diagrams, charts and index \$19.95

Oh! Calcutta!

"THE CHILDREN OF THE ORIGINAL AUDIENCES ARE NOW COMING TO SEE 'OH! CALCUTTA!' AND THEIR CHILDREN DOUBTLESS WILL TOO" TIME 1986



The World's Longest-Running
Erotic Stage Musical Comedy

AT THE

EDISON THEATRE

47th Street West of Broadway 302-2302

Call **TELETRON** (212) 947-0033,
(516) 794-2560, (201) 343-4200
(24 hours - 7 days)

Also at **TICKETRON***

Tickets at the box office, or
by calling 302-2302
10AM to Midnight, 7 days a week
Credit Cards welcomed everywhere.
For mature audiences only

PSYCHEDELIC CHEMISTRY



PSYCHEDELIC CHEMISTRY
by Michael Valentine Smith

5½ x 8½, 204 pp, Illustrated, soft cover

The best and most complete book ever written on how to manufacture drugs! Out-of-print for years, now available again in a completely revised and updated edition THC Magic Mushrooms, Mescaline, Hallucinogen, LSD, Cocaine, and much, much more! Use the handy coupon below to order your copy today — you will be very pleased we know

Loonpanda Unlimited
PO Box 1187 PT. Townsend, WA 98366

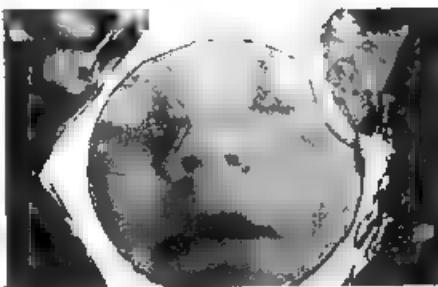
Please send me copies of **PSYCHEDELIC CHEMISTRY** I enclose \$14.95 + \$2.00 postage & handling for each copy

Name _____
Address _____
City _____
State _____ Zip Code _____



THE TAPE WORM

by Jim Poling



Dog Star Man — is this the work
of a charlatan?

DOG STAR MAN (Mystic Fire)

In the early '60s if you had a few willing friends, an 8mm camera and a spare basement you could turn out your own "cinematheque"; and with a certain amount of optimism and innocence you tried, of course, to free "art" of its vulgarities and turn it into something pure. Whatever art meant then or means today, I kind of miss that abstract independence where it meant only what you felt at the moment. True, a lot of what came out during this time (from Warhol, Downey, Anger, Dick Higgins, Ken Jacobs, the Kuchar Brothers, Jack Smith, etc.) are psychedelic fossils, but the best artist of that period, Stan Brakhage, survives along with his 1964 film *Dog Star Man*, as an exemplary piece of personal filmmaking. The reactions to Brakhage are baffling; a reverential name to his occasional defenders, others use Brakhage as an example to denounce the whole '60s experimental filmmaking movement as silly and amateurish. Even at the time, the same critics who fell into comas during Warhol's *The Chelsea Girls* (only to trip over themselves with wordy praise after) attacked Brakhage as a charlatan passing off home movies as aesthetic art. If at first *Dog Star Man* appears to mean nothing, it isn't deliberate like Bunuel's *Un Chien Andalou*, which was made with the intention of meaning nothing. Brakhage is paying tribute to our simple existence as he lingers over landscapes of the Earth and the human body, over flesh and water and sky and babies and dogs and the sun. It's the universe, the heart, and the soul in a 75-minute flicker of images asking what Man can achieve during life and ascend to after death. Brakhage never presses us for an answer and even better, he never assumes the responsibility of answering for us.

THE CONQUEROR WORM (Thorne/EMI)

One of the few films Vincent Price played straight in the '60s and one of his best in a fifty-year career. As the pitiless and sadistic Matthew Hopkins, the self-appointed Witchfinder General, Price scours the English countryside randomly executing suspects for profit and pleasure. Although wildly condemned for its brutality, violence in horror films has rarely been used as legitimately as it is here. It was only the third film for director Michael Reeves, after which—at the age of 25—he died from a barbiturate overdose (1968).

CURSE OF THE DEMON (RCA/Columbia)

A starchy and sceptical American psychologist investigating a man's death becomes involved in a necromancer's summoning of the devil, and when it appears—all thirty stories of it floating in a belch of clouds and thunder—it can make anyone a believer. After all the hyperbole of the modern horror film, the sinister calm of Jacques Tourneur's 1957 masterpiece becomes an object lesson in how movies can scare. With Dana Andrews and Peggy Cummins.



SIESTA (Lorimar)

Unlike most bad movies, *Siesta* is so truly, profoundly, unconventionally terrible that it actually gives people much to talk about. Ellen Barkin, a skydiver, (lots of metaphors on falling) wakes up bruised and bloody near an airport landing strip and calmly prepares for a flashback to find out why. There are also flashforwards (within the flashbacks as well, I think) and to make things more confusing Barkin wears the same red dress throughout making it impossible to tell just where we are in the story. Confusion may be the point: in one scene, a double for co-star Jodie Foster is so clearly not Jodie that I was sure a statement was being made about identity problems. All our confusion and all our questions are tied up in a twist ending so silly that the audience's jaws were in full drop. Along with Barkin and Foster, the cast includes Grace Jones, Martin Sheen, and Isabella Rossellini, so clearly director Mary Lambert must know someone. ●

HI GANG! IT'S ANOTHER MEETING OF THE

TOP 100

CLUB C'MON! JOIN N THE FUN!

1. IT'S A TIE!!!	26. WAKING AND BAKING	51. TERMINATE RAYGUN	76. USING SNOW IN MY BONG WATER TO COOL THE SMOKE
2. AND THE GRATER IS DEAD	27. OLLIE NORTH'S CORPSE	52. GROWING YOUR OWN	77. ED HASSELE FOR PRESIDENT
3. ASK ED (ED ROSENTHAL)	28. OLLIE NORTH'S CORPSE	53. JACK DANIELS	78. LAST HALLOWEEN'S MALL CRAWL - BOULDER, COLORADO (EST 28,000 PEOPLE)
4. PINK FLOYD	29. LIGHT IT UP, KRAVE (HIGH TIMES' GREATEST FAN)	54. SMOKEY BOYS BAND (CT. C+W BAND)	79.
5. BEER	30. ALICE COOPER (LOVE IT TO DEATH)	55. OLLIE'S A FAG	80. MANHOOD (IT'S NOT JUST A BAND - IT'S THE THING IN YER PANTS)
6. BUDS	31. HEP CAT	56. CHURCH LADY	81. DRAIN BAMAGE
7. LED ZEP	32. HYDROWILLIE (AN INDOOR GROWERS BEST FRIEND)	57. IRON MAIDEN	82. GOD IS LOVE
8. NORML	33. ANY TRACY LORD'S FLICK	58.	83. HAIR PIE SURPRISE (YOU NEVER KNOW WHAT YOU'RE GETTING INTO)
9. SHROOMS	34. BONG-A-THON (NEW ORLEANS)	59.	84. KIM ♥ DAVE
10. METALLICA	35. SEX PISTOLS	60. HIPPIE (FRIED) FREAKS	85. THE ORIGINAL PUNK MAGAZINE (WHERE YOU GOT THE TOP 100 IDEA FROM?)
11. HANGING OLLIE NORTH	36. MONEY	61. VEE BIC AND THE SNEPTERS	86. TYING UP FAWN HALL
12. JANIS JOPLIN	37. SAY NO TO NANCY	62. TONY'S N.Y. PIZZA	87. F C U FR
13. REEFER	38. F T KISST	63. ROUGH JUSTICE (INC. METAL BAND)	88. HUGH G RECTION
14. DUMP JAMES MARSHALL	39. SEX ON ACID	64. DAZEY DOG (COOLEST BASSETT EVER)	89. H.D. DAN BUDS
15. HARLEY DAVIDSONS	40. FREEDOM	65. OLLIE NORTH KISS MY ASS!	90. Syd Barrett
16. GOD	41. BUTTHOLE SURFERS (PSYCHOPUNKADELIA)	66. THE JEED BANK (EVIL - THE KING!)	91. FIGHTING FOR PEACE IS LIKE FUCKING FOR VIRGINITY
17. MY PHOTOTRON	42. OKIE CHOKIE (YOU DON'T GET OFF!) (UNLESS YOU COUGH)	67. KEN WIEGELE (THE GREAT AMERICAN HERO)	92. RUSH
18. CHERRY GARCIA	43. CAPTAIN BEYOND (GROWER OF THE GODS)	68. PURPLE THUNDER	(NOT THE BAND - THE SHIT IN THE BOTTLE)
19. TAY LETERMAN	44. SMOKE BLUNT	69. Hank Williams, Jr. (2)	93. SLIME GIFTERS
20. WFMU 91.1FM	45. THE STONES	70. PEACE THROUGH ANARCHY	94. HANGING'S TOO GOOD FOR OLLIE NORTH
21. THE ANGRY SAMOANS	46.	71. RUOK?	95. HIG ME I'M BAKED
22. THE MOSHING MANIACS OF WEBSTER HALL - UNIVERSITY OF HARTFORD	47. VOTE	72.	96. GETTING HIGH IN THE QUINNIPAC COLLEGE DUGOUT
23. JIMI HENDRIX	48. SONGS (KIX ASS!!!)	73. MOTORIZED BNGS	97. DR GENE SCOTT
24.	49. JIM BEAM	74. BURNING ISSUES (MARIJUANA LIBERATION NEWSLETTER)	98. HOWARD STERN
25.	50. XTC (MDMA)	75. NO MEANS NO	99. FUCK OLLIE NORTH - HE'S A DICK OF A DUDE

HEY! WHERE'S MY VOTE FOR INVERTED BONG HITS? I GUESS HE FIGURES A BONG HIT IS A BONG HIT! SHOWS YOU WHAT HE KNOWS WHERE DID GUTLUMBARDO GO? WHAT DOES IT MEAN? NO! I STILL DON'T GET WHAT NO MEANS NO MEANS! BY NO MEANS!

NOTE: THE ANTI-OLLIE VOTES ARE IN RESPONSE TO OLLIE NORTH GETTING ELECTED NUMBER ONE IN THE NOV 1987 TOP 100

#1

#2

#3

TOP 100 VOTE RULE: ONE PERSON, ONE VOTE, BALLOT BOX STUFFING VERBOTEN!!!

BOYS! GIRLS! MEN! WOMEN! SMALL DOMESTIC FARM ANIMALS! YOU CAN JOIN THE TOP 100 CLUB! JUST MAIL A VOTE TO: THE HIGH TIMES TOP 100 211 EAST 43rd STREET NEW YORK, NY. 10017

They said it couldn't be done,



Because they couldn't do it!

But Paradise Hydroponics Did It Just For You! Take A Good Look . . .

ITEMS SHOWN

TEN DELUXE FEATURES AT NO EXTRA CHARGE

• 2 Arm Sun Circle	\$189.00
• 1000 Watt Halide	199.00
• 1000 Watt H.P.S.	267.00
• 8 Unit Hydroponic	293.00
• CO ₂ Enrichment	139.00
• Dyna Grow or Bloom 1 Qt	7.95

- Factory Installed Installation Hook
- Color Coded Fixture Housing
- Lightning Bolt Cut-outs For Maximum Cooling
- 100% Full Reflective Hood Made of Highly Polished Aluminum Alloy
- High Out-put Lamp
- 24 Ft. of 105° Rated 16/3 Cable
- Securely Mounted Easy Grip Handle
- Durable White Electro Coat Finish
- Dyna Flow Louver Placement to Maintain a Cooler Operating Temperature
- High Quality Multitap Ballast

400 M.H.



100% Flow by Volume Tropic
400 m.h.



**Absolutely the Finest
Stock on Hand!**

★ ORDER NOW ★

\$139.00

PARADISE HYDROPONICS
306 West Harris
Eureka, CA 95501

Call or Write
For Your FREE
Color Catalog

TOLL FREE (800) 332-GROW
IN CALIFORNIA (707) 445-5720

FAST DELIVERY

REMEMBER: If We Don't Have It, You Don't Need It!





THE ULTIMATE GROWING SYSTEM

Starts with the AQUAFARM™ modular system.

An expandable hydro system that allows you to start with a single module then add up to as many as 12. The unique AIRFLO™ pumping system creates growth and yield faster than any other modular system on the market. It is completely automatic and virtually

problem free. Beware of imitations, they are not a genuine AQUAFARM.

Each system includes: GROROX™ growing medium, AIRFLO pumping system, General Hydroponics grow and bloom nutrients, pH test kit and complete instructions.

Priced at: single \$58.00, four modules \$198.00, six modules \$295.00, eight modules \$389.00, ten modules \$450.00 and 12 modules \$530.00. (Controller included in groups of four, six eight, ten and twelve module systems.)

Introducing the AQUAFARM AEROFLO™ system.

Diamond Lights and General Hydroponics are proud to offer aeroponic technology to the home grower. The AEROFLO

system is the most advanced hydroponic growing system available in the world today! It has demonstrated extraordinary results in cloning and regenerating plants from cuttings. This system is capable of growing 24 clones to maturity in 6 weeks using the "Sea of Green Method."

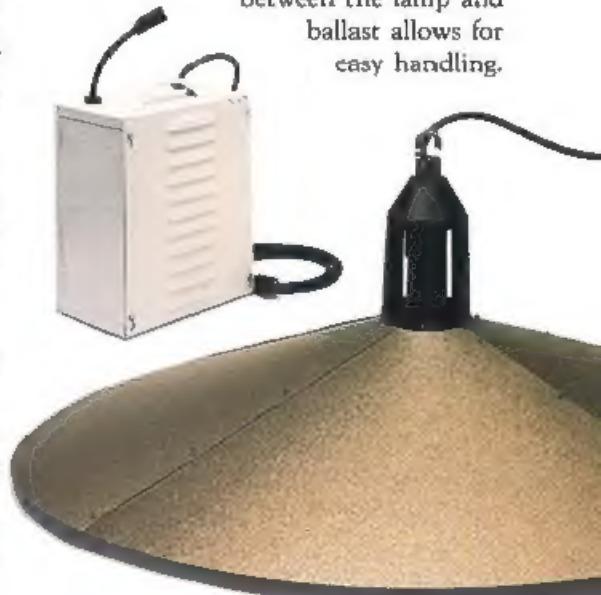
Each system includes: Rockwool growing medium, AIRFLO pumping system, General Hydroponics grow and bloom nutrients, pH test kit and complete instructions. Priced at: \$289.00.

Top it off with the best lighting systems in the business.

Your choice of our TEXTURE-WHITE™ finish on the 21" parabolic hood, 45" standard hood, or our new 45" parabolic hood with any of our lights. A whisper quiet heavy-duty ballast with a ventilated and double paneled enclosure for maximum cooling.



Also included: 20' 600 V lamp cord, plus 8' power cord. Our unique molded plug between the lamp and ballast allows for easy handling.



Priced at: 1000 Super Halide \$198.00, 1000 H.P. Sodium \$258.00, 400 Halide \$138.00, 400 H.P. Sodium \$188.00.

We also carry Suncircle, Solar Shuttle, CO₂ and a complete line of growing accessories.

SEE OUR AD ON PAGE 7

For ordering or free catalog call TOLL FREE 800-331-3994 or 415-459-3994.

DIAMOND LIGHTS

713 Mission Avenue • San Rafael, CA 94901

"We are different from the rest."

- Money order, credit card, COD orders shipped within 24 hrs.
- Prices do not include shipping.
- Dealer inquiries welcome.





HOW TO BUY THE MOST SUPERIOR HALIDE SYSTEM IN THE WORLD.

The process of choosing the right Halide system no longer has to be a game of Hide and Seek. For over four years we at Ram Enterprises have taken pride in producing the highest quality metal Halide indoor gardening systems. Each is complete with a full one year guarantee, not



to mention prices that make our competition squirm.

Our systems exceed and surpass bulb and ballast manufacturers' codes. Each system is equipped with a Jefferson or Advance low-noise ballast and capacitor, solidly mounted in a steel box uniquely designed to maintain the ballast and capacitor at their optimum running tempera-

ture. We also use high-temperature triple-jacketed 600-volt wire for your absolute safety. And as an added feature, pulse-rated bulb sockets of 5-KV.

If you've been buying anywhere else, you owe it to yourself to give us a call. You'll see that next to Ram Enterprises, all other Halide manufacturers are still in the Dark Ages.

Specifications and Prices

System A. 1000-watt Super Halide Sylvania MS 1000, clear or coated bulb, your choice of reflector (45 in. recommended) \$199.00

System B. 1000-watt high-pressure sodium LU 1000 Sylvania bulb, your choice of reflector (45 in. recommended) \$265.00

Bulbs only

MS 1000 BU clear Sylvania \$62.00

Prices do not include shipping & handling.

MS 1000 C/BU coated \$62.00
MS 400 Sylvania \$45.00

High-pressure sodium LU 1000

Sylvania \$69.95

High-pressure sodium LU 400

Sylvania \$45.00

Complete line of accessories.



The no-bullshit Halide specialists.
Call 1-800-426-5577
In Washington 206-833-8280

System

Name

Address

City

State

Zip

TO ORDER: Send cashiers check, money order or C.O.D. order (send 20% deposit) to:

RAM™
ENTERPRISES division of
M&R LIGHTING, INC. 420 Seattle Blvd.
Pacific WA 98047

With locations in Washington, Oregon and California. © 1983 M&R LIGHTING, INC.

High Times

MARCH 1988



Reprinted from the High Times Archive

<https://archive.hightimes.com/issue/19880301/print>



©2023 - HIGH TIMES ARCHIVE. ALL RIGHTS RESERVED.